

**PUBLIC NOTICE**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)**  
**MOTIVA ENTERPRISES LLC / CONVENT REFINERY / HYDROTREATING UNITS 2 & 3**  
**PROPOSED PART 70 AIR OPERATING PERMIT MODIFICATION**

The LDEQ, Office of Environmental Services, is accepting written comments on a Part 70 Air Operating Permit Modification for Motiva Enterprises LLC, Convent Refinery, P.O. Box 37, Convent, Louisiana 70723 for the Hydrotreating Units 2 & 3. The facility is located at LA Highway 44, Convent, St. James Parish.

Motiva Enterprises, LLC is an existing refinery facility that started operation in 1967.

Motiva Enterprises LLC requested to permit the Hydrotreating Units 2 & 3 separately under a cap in order to continue steady state operation of the refinery based on the Ultra Low Sulfur Diesel (ULSD) project. The ULSD project currently operates under Permit No. 2560-00001-V5, dated September 24, 2004.

**This permit was processed as an expedited permit in accordance with LAC 33:I Chapter 18.**

Permitted emissions from the Alcohol and Olefin Feed Preparation Units in tons per year are as follows:

Pollutant	Total Current Permitted Emissions	CAP Emissions	Change
PM <sub>10</sub>	5.90	5.90	-
SO <sub>2</sub>	16.50	16.50	-
NO <sub>x</sub>	53.90	53.90	-
CO	65.10	65.10	-
VOC	4.28	4.28	-

Emissions will be reported under a cap, Emission Point HTU-23, which will be federally enforceable.

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the "Worksheet for Technical Review of Working Draft of Proposed Permit". All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. Written comments and/or written requests must be received by 12:30 p.m., Monday, November 19, 2007. Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The proposed Part 70 air operating permit modification, application, environmental impact questions and statement of basis are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5<sup>th</sup> Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at [www.deq.louisiana.gov](http://www.deq.louisiana.gov).

Additional copies may be reviewed at the St. James Parish Library, 1879 West Main Street, Lutcher, LA.

Inquiries or requests for additional information regarding this permit action should be directed to Mr. Syed Quadri, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3123.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-4313, by email at [deqmaillistrequest@la.gov](mailto:deqmaillistrequest@la.gov) or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

**Permit public notices including electronic access to the proposed permit and statement of basis** can be viewed at the LDEQ permits public notice webpage at [www.deq.louisiana.gov/apps/pubNotice/default.asp](http://www.deq.louisiana.gov/apps/pubNotice/default.asp) and general information related to the public participation in permitting activities can be viewed at [www.deq.louisiana.gov/portal/tbid/2198/Default.aspx](http://www.deq.louisiana.gov/portal/tbid/2198/Default.aspx).

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at [http://www.doa.louisiana.gov/oes/listservpage/ldeq\\_pn\\_listserv.htm](http://www.doa.louisiana.gov/oes/listservpage/ldeq_pn_listserv.htm).

**All correspondence should specify AI Number 2719, Permit Number 3061-V0, and Activity Number PER20070022.**

Publication Date: October 18, 2007



## DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

Certified Mail No.

Activity No.: PER20070022

Agency Interest No. 2719

Mr. Douglas P. Quinn  
General Manager  
PO Box 37  
Convent, LA 70723-0037

RE: Part 70 Operating Permit Modification, Motiva Enterprises LLC - Convent Refinery  
Motiva Enterprises LLC, Convent, St. James Parish, Louisiana

Dear Mr. Douglas P. Quinn:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the \_\_\_\_\_ of \_\_\_\_\_, 2012, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this \_\_\_\_\_ day of \_\_\_\_\_, 2007.

Permit No.: 3061-V0

Sincerely,

Chuck Carr Brown Ph.D.  
Assistant Secretary

SGQ  
c: EPA Region VI

**ENVIRONMENTAL SERVICES**  
PO BOX 4313, BATON ROUGE, LA 70821-4313  
P:225-219-3181 F:225-219-3309  
[WWW.DEQ.Louisiana.GOV](http://WWW.DEQ.Louisiana.GOV)

**AIR PERMIT BRIEFING SHEET  
AIR PERMITS DIVISION  
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Motiva Enterprises LLC - Convent Refinery**

**Agency Interest No.: 2719**

**Motiva Enterprises LLC**

**Convent, St. James Parish, Louisiana**

**I. Background**

Motiva Enterprises LLC, Motiva Enterprises LLC - Convent Refinery, an existing refinery facility began operation in 1967. The Motiva Enterprises LLC - Convent Refinery currently operates under a consolidated Part 70 Operating Permit No. 2560-00001-V5, issued September 24, 2004.

This Part 70 Operating permit deals with the Hydrotreating Units, HTU-2 and HTU-3.

**II. Origin**

A permit application and Emission Inventory Questionnaire were submitted by Motiva Enterprises LLC on September 21, 2007 requesting a Part 70 operating permit. Additional information as of October 7, 2007 was also received.

**III. Description**

Hydrotreating Units (HTU-2 and 3): The Hydrotreating Units "treat with hydrogen" naphtha, kerosene, unfinished diesel, and gas oils. The hydrotreating occurs in the presence of a catalyst and hydrogen at elevated temperatures and serves to remove sulfur, some nitrogen, and metals. This process reduces downstream cracking emissions at the FCCU; a required pretreatment step for naphtha reforming at catalytic reformer unit; and is a required treatment step to provide additional sulfur removal capabilities for diesel fuel components.

Motiva has successfully completed the construction and operation of the Ultra Low Sulfur Diesel (ULSD) Project which was permitted under Part 70 Permit No. 2560-00001-V5 dated September 24, 2004. The project included changes to the existing Hydrotreating Unit No. 2 and 3. After achieving the steady state operation Motiva determined that the estimated or designed heater duty for the HTU 2 and 3 process heaters are not consistent with the actual operational requirements. Some heaters have a higher operating heat input and the others a lower operating heat input when compared with the permitted heat input. The total heat input to the HTU 2 and 3 process heaters is the same as permitted

The refinery is operated under a consolidated Part 70 Operating Permit No. 2560-00001-V5 dated September 2004. Motiva has already submitted a modification and renewal application to LDEQ which is under review and is not expected to be issued before December 31, 2007. Motiva proposes to permit the above referenced Hydrotreating Units No. 2 and 3 separately in order to continue steady state operation of the refinery based on the ULSD project. The

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**Motiva Enterprises LLC**  
**Convent, St. James Parish, Louisiana**

ULSD project underwent a netting analysis for NOx emission under the ULSD project. Other criteria pollutant emissions increase was well below the significance level.

The total increase in NOx emissions after netting for the previous ULSD Project was 38.94 in tons per year as shown below:

Pollutant	Project Increases	Cotemporaneous Decrease	Net Change
NOx	88.42	49.48	- 38.94

Motiva proposes to cap emissions from the HTU 2 and 3 process heaters to maintain the increase below the Prevention of Significant Deterioration (PSD) significance level of 40 tons per year. There will not be any change in the previously permitted emissions for any criteria pollutants to warrant a retroactive netting analysis.

The comparison between the current permitted emissions for all the affected process heaters and the cap emissions requested is shown below:

Pollutant	Total Current Permitted Emissions	CAP Emissions	Net Change
PM <sub>10</sub>	5.90	5.90	-
SO <sub>2</sub>	16.50	16.50	-
NO <sub>x</sub>	53.90	53.90	-
CO	65.10	65.10	-
VOC	4.28	4.28	-

Permitted emissions from the HTU 2 and 3 process heaters in tons per year are as follows:

Pollutant	Permitted Emissions
PM <sub>10</sub>	5.90
SO <sub>2</sub>	16.50
NO <sub>x</sub>	53.90
CO	65.10
VOC	4.28

\* Products of combustion

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**Motiva Enterprises LLC**

**Convent, St. James Parish, Louisiana**

**IV. Type of Review**

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) does not apply

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

**V. Credible Evidence**

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

**VI. Public Notice**

A notice requesting public comment on the permit based on the cap emissions was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

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Motiva Enterprises LLC  
Convent, St. James Parish, Louisiana**

**VII. Effects on Ambient Air**

Dispersion Model(s) Used: <None>

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})
None			

**VIII. General Condition XVII Activities**

Work Activity	Schedule	Emission Rates - tons			
		PM <sub>10</sub>	SO <sub>2</sub>	NO <sub>X</sub>	CO
None					

**IX. Insignificant Activities**

ID No.:	Description	Citation
	None	Insignificant Activity per LAC 33:III.501.B.5.A.3.

# LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

**Motiva Enterprises LLC - Convent Refinery**  
 Agency Interest No.: 2719  
**Motiva Enterprises LLC**  
**Convent, St. James Parish, Louisiana**

**X. Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No.:	Description	LAC 33:III Chapter																		
		5▲	509	9	11	13	15	2103	2104*	2107	2111	2115	2116*	2141	22	29*	51*	53*	56	59*
UNF002	HTU-23, hydrotreating Units 2 & 3	1		1	1	1									1	1	1	1	1	1
EQT218	14H-101, HTU-2 Charge Heater, Train 1				1	1	1								2					
EQT219	14H-313, HTU-2 Stripper Reboiler					1	1	1							2					
EQT220	14H-201, HTU-2 Charge Heater, Train 2					1	1	1							2					
EQT221	95H-101, HTU-3 Reactor Feed Heater						1	1	1						2					
EQT222	95H-102, HTU-3 Stripper Reboiler Heater					1	1	1							2					

\* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

## **KEY TO MATRIX**

- 1 - The regulations have applicable requirements that apply to this particular emission source.  
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.  
Blank - The regulations clearly do not apply to this type of emission source.

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

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**X. Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No.:	Description	40 CFR 60 NSPS										40 CFR 61			40 CFR 63 NESHAP			40 CFR		
		A	K	Ka	Kb	Db	Dc	J	KKK	III	A	J	V	A	HH	SS	VV	HHH	68	82
UNF002	HTU-23, Hydrotreating Units 2 & 3	1									1			1					1	1
EQT218	14H-101, HTU-2 Charge Heater, Train 1										1									
EQT219	14H-313, HTU-2 Stripper Reboiler										1									
EQT220	14H-201, HTU-2 Charge Heater, Train 2										1									
EQT221	95H-101, HTU-3 Reactor Feed Heater										1									
EQT222	95H-102, HTU-3 Stripper Reboiler Heater										1									

**KEY TO MATRIX**

- 1 - The regulations have applicable requirements that apply to this particular emission source.  
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- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.  
Blank - The regulations clearly do not apply to this type of emission source.

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

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**Convent, St. James Parish, Louisiana**

**XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source**

ID No.	Requirement	Notes
EQT218, 219, 220, 221, and 222	Comprehensive Toxic Air Pollutant Emission Control Program LAC 33:III.Chapter 51	DOES NOT APPLY. Burns refinery fuel gas – Group 1 Virgin Fossil Fuel
HTU 2 & 3 Heaters		

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

## 40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
  - 1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];
  - 2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
  - 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and

## 40 CFR PART 70 GENERAL CONDITIONS

4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.  
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
  1. the date, place as defined in the permit, and time of sampling or measurements;
  2. the date(s) analyses were performed;
  3. the company or entity that performed the analyses;
  4. the analytical techniques or methods used;
  5. the results of such analyses; and
  6. the operating conditions as existing at the time of sampling or measurement.  
[Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an

## 40 CFR PART 70 GENERAL CONDITIONS

emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]

- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
  - 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
  - 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
  - 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
  - 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
  - 5. changes in emissions would not qualify as a significant modification; and
  - 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
  - 1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
  - 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

## 40 CFR PART 70 GENERAL CONDITIONS

3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
    - a. Report by June 30 to cover January through March
    - b. Report by September 30 to cover April through June
    - c. Report by December 31 to cover July through September
    - d. Report by March 31 to cover October through December
  4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]
- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
  2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
  3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
  4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
  5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
  6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]

## **40 CFR PART 70 GENERAL CONDITIONS**

- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

**LOUISIANA AIR EMISSION PERMIT  
GENERAL CONDITIONS**

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated September 21, 2007, and additional information as of October 7, 2007.
- IV. This permit shall become invalid, for the sources not constructed, if:
  - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
  - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.  
This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

## **LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS**

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
- B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
- C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
1. Report by June 30 to cover January through March
2. Report by September 30 to cover April through June
3. Report by December 31 to cover July through September
4. Report by March 31 to cover October through December

**LOUISIANA AIR EMISSION PERMIT  
GENERAL CONDITIONS**

- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
  2. Cause of noncompliance;
  3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
  4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
  5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
  - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
  - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
  - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

## **LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS**

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:

1. Generally be less than 5 TPY
2. Be less than the minimum emission rate (MER)
3. Be scheduled daily, weekly, monthly, etc., or
4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division  
La. Dept. of Environmental Quality  
Post Office Box 4302  
Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 2719 Motiva Enterprises LLC - Convent Refinery  
 Activity Number: PER20070022  
 Permit Number: 3061-V0  
 Air - Title V Regular Permit Minor Mod

Also Known As:	ID	Name	User Group	Start Date
	2560-00001	Motiva Enterprises LLC - Convent Refinery	CDS Number	05-27-1993
	76-0262490	Star Enterprise	Federal Tax ID	11-21-1999
	LAD65485146	Motiva Enterprises LLC - Convent Refinery	Hazardous Waste Notification	10-01-1999
	LA0006041	WPC File Number	LPDES Permit #	05-22-2003
	LAR10B768	LPDES #	LPDES Permit #	02-28-2002
	LAR10C210	LPDES Permit #	LPDES Permit #	08-08-2004
	LAR10C540	WPC State Permit Number	LPDES Permit #	06-25-2003
	WP0406	Motiva/Convent Refinery	LWDPS Permit #	08-05-2002
			Multimedia	
		Priority 1 Emergency Site	Priority 1 Emergency Site	07-18-2006
		Radioactive Material License	Radiation License Number	07-22-1999
	LA-4668-L01	X-Ray Registration Number	Radiation X-ray Registration Number	11-21-1999
	7312	Star Enterprise	Solid Waste	01-08-2002
	81928	Star Enterprise	Solid Waste	01-08-2002
	GD-093-15113	Site ID #	Solid Waste Facility No.	04-30-2001
	GD-093-15113	Motiva Enterprises LLC	TEMPO Merge	11-01-2001
	38803	Star Enterprise - Convent Refinery	TEMPO Merge	07-30-2001
	47204	Motiva - Convent Refinery	TEMPO Merge	07-29-2001
	69974	Star Enterprise	TEMPO Merge	08-13-2001
	81928	TRI #	Toxic Release Inventory	07-29-2004
	70723TXCRFFFOOTO	UST Case History Case Number	UST Case Number	11-21-1999
	1919	UST Facility ID (from UST legacy data)	UST FID #	10-12-2002
			Main FAX:	5042963832
			Main Phone:	2255627681
Physical Location:				
		HWYS 44 & 70 Convent, LA 70723		
Mailing Address:	PO Box 37			
Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Armand Abay	PO Box 37 Convent, LA 707230037		Employed by
	William Cupp	3433 Hwy 190 PMB 342 Mandeville, LA 70448	9857279832 (WP)	Employed by
	Donald Fauchoux	PO Box 37 Convent, LA 707230037	2255626712 (WP)	Radiation Safety Officer for
	Donald Fauchoux	PO Box 37 Convent, LA 707230037	2255626874 (WF)	Radiation Safety Officer for
	Donald Fauchoux	PO Box 37 Convent, LA 707230037	2255626712 (WP)	Radiation Contact For

General Information

AI ID: 2719 Motiva Enterprises LLC - Convent Refinery

Activity Number: PER20070022

Permit Number: 3061-V0

Air - Title V Regular Permit Minor Mod

Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Donald Fauchoux	PO Box 37 Convent, LA 707230037	2255626874 (WF)	Radiation Registration Billing Party for
	Donald Fauchoux	PO Box 37 Convent, LA 707230037	2255626874 (WF)	Radiation License Billing Party for
	Donald Fauchoux	PO Box 37 Convent, LA 707230037	2255626712 (WP)	Radiation License Billing Party for
	Donald Fauchoux	PO Box 37 Convent, LA 707230037	2255626712 (WP)	Radiation Registration Billing Party for
	Donald Fauchoux	PO Box 37 Convent, LA 707230037	2255626874 (WF)	Radiation Contact For
	Mark Koslicki	PO Box 37 Convent, LA 707230037	2255626747 (WP)	Accident Prevention Billing Party for
	Mark Koslicki	PO Box 37 Convent, LA 707230037	2255626847 (WF)	Accident Prevention Billing Party for
	Heath McCartney	PO Box 37 Convent, LA 707230037	2255626324 (WP)	Underground Storage Tank Contact for
	Darrin Miletello	PO Box 37 Convent, LA 707230037	2255626724 (WP)	Accident Prevention Contact for
	Darrin Miletello	PO Box 37 Convent, LA 707230037	2255626875 (WF)	Accident Prevention Contact for
	Joshua O'Brien	PO Box 37 Convent, LA 707230037	JOSHUA.OBRIEN@	Emission Inventory Contact for
	Joshua O'Brien	PO Box 37 Convent, LA 707230037	2255626871 (WP)	Emission Inventory Contact for
	William Paul	PO Box 37 Convent, LA 707230037	Solid Waste Billing Party for	
	Craig Perque	PO Box 37 Convent, LA 707230037	2255626323 (WP)	Employed by
	Craig Perque	PO Box 37 Convent, LA 707230037	2255626323 (WP)	Haz. Waste Billing Party for
	Douglas P. Quinn	PO Box 37 Convent, LA 707230037	2255627881 (WP)	Responsible Official for
	Susan Staley	PO Box 37 Convent, LA 707230037	Air Permit Contact For	
	Susan Staley	PO Box 37 Convent, LA 707230037	Water Billing Party for	
Related Organizations:	Name	Address	Phone (Type)	Relationship
	EMS Environmental Inc	PO Box 1531 Gramercy, LA 700521531	5048691010 (WP)	Provides environmental services for
	EMS Environmental Inc	PO Box 1531 Gramercy, LA 700521531	5048695426 (WF)	Provides environmental services for
	Motiva Enterprises LLC	Attn Heath McCartney Convent, LA 707230037	UST Billing Party for	
	Motiva Enterprises LLC	Attn Heath McCartney Convent, LA 707230037	Owns	
	Motiva Enterprises LLC	Attn Heath McCartney Convent, LA 707230037	Air Billing Party for	
	Motiva Enterprises LLC	Attn Heath McCartney Convent, LA 707230037	Emission Inventory Billing Party	

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery  
 Activity Number: PER20070022  
 Permit Number: 3061-Y0  
 Air - Title V Regular Permit Minor Mod

## Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
<b>Hydrotreating Units 2 &amp; 3</b>						
EQT0218	14H-101 - HTU-2 Charge Heater, Train 1	41.3 MM BTU/hr	29.5 MM BTU/hr	29.5 MM BTU/hr		8760 hr/yr (All Year)
EQT0219	14H-313 - HTU-2 Stripper Reboiler	74.2 MM BTU/hr	48.3 MM BTU/hr	48.3 MM BTU/hr		8760 hr/yr (All Year)
EQT0220	14H-201 - HTU-2 Charge Heater, Train 2	49 MM BTU/hr	35 MM BTU/hr	35 MM BTU/hr		8760 hr/yr (All Year)
EQT0221	95H-101 - HTU-3 Reactor Feed Heater	58.8 MM BTU/hr	32.91 MM BTU/hr	32.91 MM BTU/hr		8760 hr/yr (All Year)
EQT0222	95H-102 - HTU-3 Stripper Reboiler Heater	75 MM BTU/hr	35 MM BTU/hr	35 MM BTU/hr		8760 hr/yr (All Year)

## Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
<b>Hydrotreating Units 2 &amp; 3</b>							
EQT0218	14H-101 - HTU-2 Charge Heater, Train 1	51	31412	3.6	3.6	117	250
EQT0219	14H-313 - HTU-2 Stripper Reboiler	50	29554	3.5	3.5	117	250
EQT0220	14H-201 - HTU-2 Charge Heater, Train 2	58	14351	2.3	2.3	114	240
EQT0221	95H-101 - HTU-3 Reactor Feed Heater	49	55415	4.9	4.9	190	300
EQT0222	95H-102 - HTU-3 Stripper Reboiler Heater	50	51624	4.75	4.75	190	300

## Relationships:

## Subject Item Groups:

ID	Group Type	Group Description
GRP0009	Equipment Group	HTU-23 - HTU 2 & 3 Heaters Cap
UNF0002	Unit or Facility Wide	HTU-23 - Hydrotreating Units 2 & 3

## Group Membership:

ID	Description	Member of Groups
EQT0218	14H-101 - HTU-2 Charge Heater, Train 1	GRP0000000009
EQT0219	14H-313 - HTU-2 Stripper Reboiler	GRP0000000009
EQT0220	14H-201 - HTU-2 Charge Heater, Train 2	GRP0000000009
EQT0221	95H-101 - HTU-3 Reactor Feed Heater	GRP0000000009
EQT0222	95H-102 - HTU-3 Stripper Reboiler Heater	GRP0000000009

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

## Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multplier	Units Of Measure
0720	Petroleum Refining (Rated Capacity)	1	1,000 BBL/Day

INVENTORIES

AJ ID: 2719 - Motiva Enterprises LLC - Convent Refinery

Activity Number: PER20070022

Permit Number: 3061-V0

Air - Title V Regular Permit Minor Mod

SIC Codes:

2911	Petroleum refining
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	UNF002
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AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery

Activity Number: PER20070022

Permit Number: 3061-V0

Air - Title V Regular Permit Minor Mod

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
<b>Hydrotreating Units 2 &amp; 3</b>															
EQT 0218 14H-101	3.40			2.02			0.31			0.86					0.22
EQT 0219 14H-313	6.11			3.64			0.55			1.55					0.40
EQT 0220 14H-201	4.04			2.40			0.37			1.02					0.26
EQT 0221 9H-101	4.84			5.38			0.44			1.23					0.32
EQT 0222 9H-102	6.51			7.90			0.59			1.65					0.43
GRP 0009 HTU-23	14.88			65.10	12.32		53.90	1.35		5.90	3.78		16.50	0.97	
															4.28

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

**SPECIFIC REQUIREMENTS**

**AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery**  
**Activity Number: PER20070022**  
**Permit Number: 3061-V0**  
**Air - Title V Regular Permit Minor Mod**

**EQT0218 14H-101, HTU-2 Charge Heater, Train 1**

- 1 [40 CFR 60.104(a)(1)]  
Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)]  
Which Months: All Year Statistical Basis: Three-hour rolling average  
Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)]  
Which Months: All Year Statistical Basis: None specified  
Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.  
Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
Which Months: All Year Statistical Basis: None specified  
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
Which Months: All Year Statistical Basis: Six-minute average  
Total suspended particulate <= 0.6 lb/MMBTU of heat input.  
Which Months: All Year Statistical Basis: None specified  
Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
- 2 [40 CFR 60.105(a)(4)]  
Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)]  
Which Months: All Year Statistical Basis: None specified  
Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.  
Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
Which Months: All Year Statistical Basis: None specified  
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 3 [40 CFR 60.106]  
[LAC 33.III.1101.B]
- 4 [LAC 33.III.1101.B]
- 5 [LAC 33.III.1311.C]
- 6 [LAC 33.III.1313.C]
- 7 [LAC 33.III.1513.C]

**EQT0219 14H-313, HTU-2 Stripper Reboiler**

- 8 [40 CFR 60.104(a)(1)]  
Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)]  
Which Months: All Year Statistical Basis: Three-hour rolling average  
Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)]  
Which Months: All Year Statistical Basis: None specified  
Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.  
Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
Which Months: All Year Statistical Basis: None specified  
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
Which Months: All Year Statistical Basis: Six-minute average  
Total suspended particulate <= 0.6 lb/MMBTU of heat input.  
Which Months: All Year Statistical Basis: None specified  
Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.
- 9 [40 CFR 60.105(a)(4)]
- 10 [40 CFR 60.106]  
[LAC 33.III.1101.B]
- 11 [LAC 33.III.1101.B]
- 12 [LAC 33.III.1311.C]
- 13 [LAC 33.III.1313.C]
- 14 [LAC 33.III.1513.C]

**SPECIFIC REQUIREMENTS**

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery  
 Activity Number: PER20070022  
 Permit Number: 3061-V0  
 Air - Title V Regular Permit Minor Mod

**EQT0220 14H-201, HTU-2 Charge Heater, Train 2**

15 [40 CFR 60.104(a)(1)]

Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)]  
 Which Months: All Year Statistical Basis: Three-hour rolling average  
 Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)]

16 [40 CFR 60.105(a)(4)]

Which Months: All Year Statistical Basis: None specified  
 Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.  
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
 Which Months: All Year Statistical Basis: None specified  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

17 [40 CFR 60.106]

Which Months: All Year Statistical Basis: Six-minute average

20 [LAC 33:III.1101.B] Total suspended particulate &lt;= 0.6 lb/MMBTU of heat input.

21 [LAC 33:III.1513.C] Which Months: All Year Statistical Basis: None specified  
 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.**EQT0221 95H-101, HTU-3 Reactor Feed Heater**

22 [40 CFR 60.104(a)(1)]

Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)]  
 Which Months: All Year Statistical Basis: Three-hour rolling average  
 Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)]

23 [40 CFR 60.105(a)(4)]

Which Months: All Year Statistical Basis: None specified  
 Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.  
 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.  
 Which Months: All Year Statistical Basis: None specified  
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

26 [LAC 33:III.1311.C]

Which Months: All Year Statistical Basis: Six-minute average  
 Total suspended particulate <= 0.6 lb/MMBTU of heat input.  
 Which Months: All Year Statistical Basis: None specified  
 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

**SPECIFIC REQUIREMENTS**

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery  
**Activity Number:** PER20070022  
**Permit Number:** 3061-V0  
**Air - Title V Regular Permit Minor Mod**

**EQT0222 95H-102, HTU-3 Stripper Reboiler Heater**

- 29 [40 CFR 60.104(a)(1)]  
Fuel gas: Hydrogen sulfide <= 0.1 gr/dscf (230 mg/dscm). Subpart J. [40 CFR 60.104(a)(1)]  
Which Months: All Year Statistical Basis: Three-hour rolling average  
Hydrogen sulfide monitored by continuous emission monitor (CEM) continuously. Monitor the H2S in fuel gases before being burned in any fuel gas combustion device. Subpart J. [40 CFR 60.105(a)(4)]
- Which Months: All Year Statistical Basis: None specified  
Determine compliance with standards using the test methods and procedures specified in 40 CFR 60.106(a) through (k). Subpart J.  
Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: None specified  
Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- Which Months: All Year Statistical Basis: Six-minute average  
Total suspended particulate <= 0.6 lb/MMBTU of heat input.
- Which Months: All Year Statistical Basis: None specified  
Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

**GRP0009 HTU 2 & 3 Heaters Cap**

Group Members: EQT0218 EQT0221 EQT0222

- Permittee shall continuously monitor the heat input to the individual heaters referenced in this specific condition. Based on the monitored heat input and individual emission factors for the equipment, the permittee shall calculate emissions for each equipment. The total heat input to all the heaters shall not exceed 180.71 MM BTU/h/m (High Heating Value annual average) and the total calculated emissions from all the heaters shall not exceed PM10, 5.90 tons per year (TPY); SO2, 16.50 TPY; NOx, 53.90 TPY; CO, 65.10 TPY; and VOC, 4.28 TPY. Emissions from these heaters shall be reported under an emission cap, Emission Point HTU-23. The total heat input and the calculated emissions of the individual heaters shall be recorded each month, as well as the heat input and the total calculated emissions for all the heaters for the last twelve months. These records shall be kept on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. Total heat input and the calculated emissions from the heaters above the maximum listed in this specific condition for any twelve consecutive month period shall be a violation of this permit and must be reported to the Office of Environmental Compliance, Enforcement Division. A report showing the heat input of the individual heaters and the overall total heat input and the emissions shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year.

**UNF0002 Hydrotreating Units 2 & 3**

37 [40 CFR 60.]

All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.

**SPECIFIC REQUIREMENTS**

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery  
 Activity Number: PER20070022  
 Permit Number: 3061-V0  
 Air - Title V Regular Permit Minor Mod

**UNF0002 Hydrotreating Units 2 & 3**

- 38 [40 CFR 61.] All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A.  
 39 [40 CFR 63.] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A.
- 40 [40 CFR 70.5(a)(1)(iii)] Submit Title V permit application for renewal. Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 41 [40 CFR 70.6(a)(3)(iii)(A)] Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 42 [40 CFR 70.6(a)(3)(iii)(B)] Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
- 43 [40 CFR 70.6(c)(5)(iv)] Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- 44 [40 CFR 82 Subpart F] Comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B.
- 45 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
- 46 [LAC 33:III.1109.B] Outdoor burning of waste material or other combustible material is prohibited.
- 47 [LAC 33:III.1303.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 48 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.
- 49 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 50 [LAC 33:III.2141.A] Control emissions of volatile organic compounds from petroleum refinery process unit turnarounds by pumping the liquid contents to storage and depressurizing the processing units to five psig (pounds per square inch gauge) or below before venting to the atmosphere. Control the vapors during the depressurization prior to venting to atmosphere by one of the applicable methods specified in LAC 33:III.2115.A, B, and F.
- 51 [LAC 33:III.2141.A] Keep records and determine compliance as specified in LAC 33:III.2115.I, J, and K.
- 52 [LAC 33:III.219] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.

**SPECIFIC REQUIREMENTS**

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery

Activity Number: PER20070022

Permit Number: 3061-Y0

Air - Title V Regular Permit Minor Mod

**UNF0002 Hydrotreating Units 2 & 3**

- 53 [LAC 33:III.2901.D] Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
- If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.
- 54 [LAC 33:III.2901.F]
- 55 [LAC 33:III.5105.A.1] Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III. Chapter 51. Subchapter A, without first obtaining written authorization from DEQ in accordance with LAC 33:III. Chapter 51. Subchapter A, after the effective date of the standard.
- Do not cause a violation of any ambient air standard listed in LAC 33:III. Table 51.2, unless operating in accordance with LAC 33:III.5109.
- Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard.
- Do not fail to keep records, notify, report or revise reports as required under LAC 33:III. Chapter 51. Subchapter A.
- 56 [LAC 33:III.5105.A.2]
- 57 [LAC 33:III.5105.A.3]
- 58 [LAC 33:III.5105.A.4]
- 59 [LAC 33:III.5107.A.2]
- 60 [LAC 33:III.5107.A.3]
- 61 [LAC 33:III.5107.B.1]
- 62 [LAC 33:III.5107.B.2]
- 63 [LAC 33:III.5107.B.3]
- 64 [LAC 33:III.5107.B.4]
- Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited.
- If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G.
- Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III. Chapter 51. Subchapter A, without first obtaining written authorization from DEQ in accordance with LAC 33:III. Chapter 51. Subchapter A, after the effective date of the standard.
- Do not cause a violation of any ambient air standard listed in LAC 33:III. Table 51.2, unless operating in accordance with LAC 33:III.5109.
- Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard.
- Do not fail to keep records, notify, report or revise reports as required under LAC 33:III. Chapter 51. Subchapter A.
- Submit Annual Emissions Report (TEDI): Due annually, by the 1st of July, to the Office of Environmental Assessment, Air Quality Assessment Division, in a format specified by DEQ. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3.
- Include a certification statement with initial and subsequent annual emission reports and revisions to any emission report to attest that the information contained in the emission report is true, accurate, and complete, and signed by a responsible official, as defined in LAC 33:III.502.
- Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official. The certification statement shall read: "I certify, under penalty of perjury, that the emissions data provided is accurate to the best of my knowledge, information, and belief, and I understand that submitting false or misleading information will expose me to prosecution under state regulations".
- Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but no later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere which results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property).
- Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services Division, Single Point of Contact (SPOC), except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.5112, Table 51.1, or a reportable quantity (RQ) in LAC 33:III.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:III.3923.
- Submit notification: Due to the Office of Environmental Compliance, Emergency and Radiological Services, SPOC, immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:III.3931, except as provided in LAC 33:III.5107.B.6. Submit notification in the manner provided in LAC 33:III.3923.
- Submit written report: Due within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through 3. Submit report to the Office of Environmental Compliance by certified mail. Include the information specified in LAC 33:III.5107.B.4.a.i through viii.

**SPECIFIC REQUIREMENTS****AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery****Activity Number: PER20070022****Permit Number: 3061-V0****Air - Title V Regular Permit Minor Mod****UNF0002 Hydrotreating Units 2 & 3**

- 65 [LAC 33:III.5107.B.5] Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, in the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge.
- 66 [LAC 33:III.5109.B.3] Achieve compliance with ambient air standards unless it can be demonstrated to the satisfaction of DEQ that compliance with an ambient air standard would be economically infeasible; that emissions could not reasonably be expected to pose a threat to public health or the environment; and that emissions would be controlled to a level that is Maximum Achievable Control Technology.
- 67 [LAC 33:III.5109.B] Determine the status of compliance, beyond the property line, with applicable ambient air standards listed in LAC 33:III.5112. Table 51.2.
- 68 [LAC 33:III.5109.C] Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III. Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by the department.
- 69 [LAC 33:III.5111.A.1] Obtain a Louisiana Air Permit in accordance with LAC 33:III.5111.B and C and in accordance with LAC 33:III.1701, before commencement of the construction of any new source.
- 70 [LAC 33:III.5111.A.2.a] Obtain a permit modification in accordance with LAC 33:III.5111.B and C before commencement of any modification not specified in a compliance plan submitted under LAC 33:III.5109.D, if the modification will result in an increase in emissions of any toxic air pollutant or will create a new point source.
- 71 [LAC 33:III.5111.A] Do not commence construction or modification of any major source without first obtaining written authorization from DEQ, as specified.
- 72 [LAC 33:III.5113.B.1] Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel.
- 73 [LAC 33:III.5113.B.3] Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department.
- 74 [LAC 33:III.5113.B.4] Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e.
- 75 [LAC 33:III.5113.B.5] Analyze samples and determine emissions within 30 days after each emission test has been completed.
- 76 [LAC 33:III.5113.B.6] Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ.
- 77 [LAC 33:III.5113.B.7] Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test.
- 78 [LAC 33:III.5113.C.1] Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence.
- 79 [LAC 33:III.5113.C.2] Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ.
- 80 [LAC 33:III.5113.C.2] Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before a performance evaluation of the monitoring system is to begin.

**SPECIFIC REQUIREMENTS**

**AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery**  
**Activity Number: PER20070022**  
**Permit Number: 3061-V0**  
**Air - Title V Regular Permit Minor Mod**

**UNF0002 Hydrotreating Units 2 & 3**

- 81 [LAC 33:III.5113.C.2] Submit performance evaluation report: Due to the Office of Environmental Assessment, Air Quality Assessment Division, within 60 days of the monitoring system performance evaluation.
- 82 [LAC 33:III.5113.C.3] Install a monitoring system on each effluent or on the combined effluent, when monitoring is required and the effluents from a single source, or from two or more sources subject to the same emission standards, are combined before being released to the atmosphere. If two or more sources are not subject to the same emission standards, install a separate monitoring system on each effluent, unless otherwise specified. If the applicable standard is a mass emission standard and the effluent from one source is released to the atmosphere through more than one point, install a monitoring system at each emission point unless DEQ approves the installation of fewer systems.
- 83 [LAC 33:III.5113.C.5.a] Evaluate the performance of continuous monitoring systems, upon request by DEQ, in accordance with the requirements and procedures contained in the applicable performance specification of 40 CFR Part 60, appendix B.
- 84 [LAC 33:III.5113.C.5.a] Submit report: Due to DEQ within 60 days of the performance evaluation of the CMS, if requested. Furnish DEQ with two or more copies of a written report of the test results within 60 days.
- 85 [LAC 33:III.5113.C.5.d] Install all continuous monitoring systems or monitoring devices to make representative measurements under variable process or operating parameters, if required to install a CMS.
- 86 [LAC 33:III.5113.C.5.e] Collect and reduce all data as specified in LAC 33:III.5113.C.5.e.i and ii, if required to install a CMS.
- 87 [LAC 33:III.5113.C.5] Submit plan: Due to the Office of Environmental Assessment, Air Quality Assessment Division, within 90 days after DEQ requests either the initial plan or an updated plan, if required by DEQ to install a continuous monitoring system. Submit for approval a plan describing the affected sources and the methods for ensuring compliance with the continuous monitoring system.
- 88 [LAC 33:III.5113.C.7] Maintain records of monitoring data, monitoring system calibration checks, and the occurrence and duration of any period during which the monitoring system is malfunctioning or inoperative. Maintain these records at the source, or at an alternative location approved by DEQ, for a minimum of three years and make available, upon request, for inspection by DEQ.
- 89 [LAC 33:III.5609.A.1.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 5 when the administrative authority declares an Air Pollution Alert.
- 90 [LAC 33:III.5609.A.2.b] Activate the preplanned strategy listed in LAC 33:III.5611.Table 6 when the administrative authority declares an Air Pollution Warning.
- 91 [LAC 33:III.5609.A.3.b] Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 7 when the administrative authority declares an Air Pollution Emergency.
- 92 [LAC 33:III.5609.A] Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency.
- 93 [LAC 33:III.5611.A] Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611.Tables 5, 6, and 7.
- 94 [LAC 33:III.5611.B] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
- 95 [LAC 33:III.5901.A] During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
- 96 [LAC 33:III.5907] Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901.
- Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.110, Table 59.0 of LAC 33:III.5907, or Table 59.1 of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur.

**SPECIFIC REQUIREMENTS**

AI ID: 2719 - Motiva Enterprises LLC - Convent Refinery

Activity Number: PER20070022

Permit Number: 3061-V0

Air - Title V Regular Permit Minor Mod

**UNF0002 Hydrotreating Units 2 & 3**

- 97 [LAC 33:III.5911.A] Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III.Chapter 59, whichever is later. Include the information listed in LAC 33:III.5911.B, and submit to the Department of Environmental Quality, Office of Environmental Compliance, Emergency and Radiological Services Division.
- 98 [LAC 33:III.5911.C] Submit amended registration: Due to the Department of Environmental Quality, Office of Environmental Compliance, Emergency and Radiological Services Division, within 60 days after the information in the submitted registration is no longer accurate.
- 99 [LAC 33:III.905] Install air pollution control facilities whenever practically, economically, and technologically feasible. When facilities have been installed on a property, use them and diligently maintain them in proper working order whenever any emissions are being made which can be controlled by the facilities, even though the ambient air quality standards in affected areas are not exceeded.
- 100 [LAC 33:III.913] Provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices as may be necessary for proper determination of emission limits.
- 101 [LAC 33:III.917.A] Where, upon written application of the responsible person or persons, the administrative authority finds that by reason of exceptional circumstances strict conformity with any provisions of these regulations would cause undue hardship, would be unreasonable, impractical or not feasible under the circumstances, the administrative authority may permit a variance from these regulations.
- 102 [LAC 33:III.917.B]
- 103 [LAC 33:III.919.D] No variance may permit or authorize the maintenance of a nuisance, or a danger to public health or safety.
- Submit Emission Inventory (E) Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Air Quality Assessment Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.
- Report the unauthorized discharge of any air pollutant into the atmosphere in accordance with LAC 33:III.Chapter 59, Notification Regulations and Procedures for Unauthorized Discharges. Submit written reports to the department pursuant to LAC 33:III.3925. Submit timely and appropriate follow-up reports detailing methods and procedures to be used to prevent similar atmospheric releases.
- No person or group of persons shall allow particulate matter or gases to become airborne in amounts which cause the ambient air quality standards to be exceeded.

**PUBLIC NOTICE**  
**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY (LDEQ)**  
**MOTIVA ENTERPRISES LLC; CONVENT REFINERY**  
**PROPOSED PART 70 AIR OPERATING PERMIT MODIFICATION**

The LDEQ, Office of Environmental Services, is accepting written comments on Part 70 Air Operating Permit Modification for Motiva Enterprises LLC, Convent Refinery, P.O. Box 37, Convent, Louisiana 70723 for the Hydrotreating Units 2 & 3. **The facility is located at La. Highway 44, Convent, St. James Parish.**

Motiva Enterprises operates a refinery.

Motiva Enterprises LLC requested to permit the Hydrotreating Units 2 & 3 separately under a cap in order to continue steady state operation of the refinery based on the Ultra Low Sulfur Diesel (ULSD) project. The ULSD project was issued a Part 70 permit No. 2560-00001-V5 dated September 24, 2004.

Permitted emissions from the Alcohol and Olefin Feed Preparation Units in tons per year are as follows:

Pollutant	Total Current Permitted Emissions	CAP Emissions	Change
PM <sub>10</sub>	5.90	5.90	-
SO <sub>2</sub>	16.50	16.50	-
NO <sub>X</sub>	53.90	53.90	-
CO	65.10	65.10	-
VOC	4.28	4.28	-

Emissions will be reported under a cap, Emission Point HTU-23, which will be federally enforceable.

**This permit was processed as an expedited permit in accordance with LAC 33:I.Chapter 18.**

A technical review of the working draft of the proposed permit was submitted to the facility representative and the LDEQ Surveillance Division. Any remarks received during the technical review will be addressed in the statement of basis. All remarks received by LDEQ are included in the record that is available for public review.

Written comments, written requests for a public hearing or written requests for notification of the final decision regarding this permit action may be submitted to Ms. Soumaya Ghosn at LDEQ, Public Participation Group, P.O. Box 4313, Baton Rouge, LA 70821-4313. **Written comments and/or written requests must be received by 12:30 p.m., \*\*\*\*\*, \*\*\*\* \*\*, 2007.** Written comments will be considered prior to a final permit decision.

If LDEQ finds a significant degree of public interest, a public hearing will be held. LDEQ will send notification of the final permit decision to the applicant and to each person who has submitted written comments or a written request for notification of the final decision.

The proposed permit and statement of basis are available for review at the LDEQ, Public Records Center, Room 127, 602 North 5<sup>th</sup> Street, Baton Rouge, LA. Viewing hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday (except holidays). **The available information can also be accessed electronically on the Electronic Document Management System (EDMS) on the DEQ public website at [www.deq.louisiana.gov](http://www.deq.louisiana.gov).**

Additional copies may be reviewed at the Ascension Parish Library - Gonzales Branch located at 708 South Irma Boulevard, Gonzales LA 70737.

Inquiries or requests for additional information regarding this permit action should be directed to Mr. Syed Quadri, LDEQ, Air Permits Division, P.O. Box 4313, Baton Rouge, LA 70821-4313, phone (225) 219-3123.

Persons wishing to be included on the LDEQ permit public notice mailing list or for other public participation related questions should contact the Public Participation Group in writing at LDEQ, P.O. Box 4313, Baton Rouge, LA 70821-

4313, by email at [maillistrequest@ldeq.org](mailto:maillistrequest@ldeq.org) or contact the LDEQ Customer Service Center at (225) 219-LDEQ (219-5337).

**Permit public notices including electronic access to the proposed permit and statement of basis** can be viewed at the LDEQ permits public notice webpage at [www.deq.state.la.us/news/PubNotice/](http://www.deq.state.la.us/news/PubNotice/) and general information related to the public participation in permitting activities can be viewed at [www.deq.louisiana.gov/portal/tabcid/2198/Default.aspx](http://www.deq.louisiana.gov/portal/tabcid/2198/Default.aspx).

Alternatively, individuals may elect to receive the permit public notices via email by subscribing to the LDEQ permits public notice List Server at [http://www.state.la.us/ldbc/listservpage/ldeq\\_pn\\_listserv.htm](http://www.state.la.us/ldbc/listservpage/ldeq_pn_listserv.htm).

**All correspondence should specify AI Number 2719, Permit Number 3061-V0, and Activity Number PER20070022.**

**Publication Date:**

Dr. Brown – Page 2 of 2  
September 21, 2007

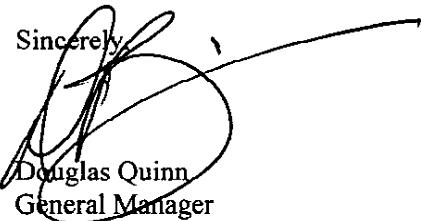
headquartered and owns assets outside of Louisiana), and reducing the overall supply of diesel fuel in an already tight market, putting upward pressure on fuel prices.

As an alternative, the DEQ recommended that Motiva pursue a separate air permit for the HTU-2 and HTU-3 process units while requesting expedited processing of this permit application. Motiva is submitting this permit application in response to this recommendation.

#### Permit Fee

Motiva is including with this application a check for \$1,866 (Check No. 161) for the permit fee (Fee Code 0720). The basis for this permit fee is LAC 33:III.211.B.13.d (October 2005). This permit application is not for a new process or operation at the refinery and it will not increase the refinery capacity. Rather, this permit application is for existing equipment currently permitted under Air Permit No. 2560-00001-V5. There is no increase in total annual permitted emissions for any pollutant relative to the existing air permit. (EPN HTU FUG is not an emission point for new equipment. Rather, it reflects a subset of the equipment/processes in EPN GEN PLANT in 2560-00001-V5.) In addition, this permit application does not include any of the major modification criteria in LAC 33:III.211.B.13.b.i-v. Therefore, the applicable permit fee is the minimum minor modification permit fee of \$1,866.

Motiva sincerely appreciates a prompt review of this application and issuance of the air permit by December 21, 2007 or sooner. If you have any questions, please call Mr. John Wheeler at (225) 562-6967.

Sincerely,  
  
Douglas Quinn  
General Manager

JGW

Attachments

**NOTIFICATION  
OF  
APPROVAL FOR EXPEDITED PERMIT PROCESSING**

To: Darryl Serio  
Administrator  
Financial Services Division

From: Cheryl Nolan  
Administrator  
Air Permits Division

*3081-VO (mt init)*

---

Company Name	Motiva Enterprises LLC
Facility Name	Convent Refinery - HTU-2 and HTU-3 Process Units
AI #	2719
TEMPO Activity #	PER20070022
Permit #	2560-00001-V6
Date Application Received	September 21, 2007
Date Expedited Review Approved	September 27, 2007
Permit Writer Assigned	Syed Quadri
Date Assigned to Permit Writer	September 21, 2007
Permit Writer Phone #	225-219-3123
Supervisor	Victor Chu
Supervisor's Phone #	225-219-3117
Date Final Decision Requested	December 21, 2007

Has the company requested an Expedited Fee Cap?

No     Yes,    \$ 2,000

FOR FINANCIAL SERVICES' USE ONLY DO NOT WRITE IN THIS SPACE			
Reporting Category # Assigned		WP	
Max # OT Hrs Allowed		Excel	
Assigned by		ISIS	
Date Assigned		Notify	



## DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

Certified Mail No.: 7004 1160 0001 9952 6483

Douglas Quinn  
General Manager  
Motiva Enterprises LLC  
Post Office Box 37  
Convent, Louisiana 70723

RE: **Expedited Permit Processing Request, Motiva Enterprises LLC**  
Convent Refinery - HTU-2 and HTU-3 Process Units  
Convent, St. James Parish, Louisiana  
TEMPO Activity No.: PER20070022  
Agency Interest No.: 2719

Dear Mr. Quinn:

The Department has received your request dated September 20, 2007, and received September 21, 2007, for expedited permit review in accordance with LAC 33:I.Chapter 18. After review of your request for a Title V minor modification, a preliminary review of the application submitted September 21, 2007, the workforce available for expedited processing, and the current fee status and compliance history for Motiva Enterprises LLC, the Department hereby approves your request for expedited processing. Your requested date for final permit decision is December 21, 2007. While the Department will endeavor to process your permit application within this timeframe, approval of a request for expedited permit processing in no way guarantees issuance of the permit action or issuance of the permit action by the date requested.

Please be advised that this approval is contingent upon timely submittal of information in response to requests for additional permit application information in accordance with LAC 33:I.1803.D. This approval may be withdrawn or suspended as outlined in LAC 33:I.1803.D.3 or in the event that Departmental resources are such that the request can no longer be processed as an expedited permit.

After the Department has made a final determination on the permit application, you will receive a bill for the full amount owed to the Department for this expedited permit action.

Please include reference to the Agency Interest (AI) No. 2719 and TEMPO Activity No. PER20070022 in all future correspondence regarding this permitting action.

If you have any questions or need additional information concerning the permit application, please contact Syed Quadri, the permit writer assigned to this action, at (225) 219-3123. For questions related to billing, please contact Darryl Serio at (225) 219-3865.

  
Chuck Carr Brown  
Assistant Secretary

CCB:KLW

9/27/07

ENVIRONMENTAL SERVICES

: PO BOX 4313, BATON ROUGE, LA 70821-4313

P:225-219-3181 F:225-219-3309

WWW.DEQ.LOUISIANA.GOV



**STATE OF LOUISIANA  
DEPARTMENT OF ENVIRONMENTAL QUALITY**

Office of Environmental Services • Environmental Assistance Division  
Post Office Box 4313 • Baton Rouge, LA 70821-4313

Customer Service: 225-219-LDEQ (5337) or Toll Free 1-866-896-LDEQ (5337) PER 200 70022

original to I OA  
copy to Bru ReD Chu

AI 2719

### REQUEST FOR EXPEDITED PERMIT PROCESSING

This form is to be submitted when an applicant requests consideration for expedited processing of permits, modifications, licenses, registrations, or variances in accordance with LAC 33:1 Chapter 18. Submission of this form shall in no way constitute approval of the expedited permit request. The Office will notify the applicant in writing of the decision to expedite processing of the requested permit application. **ALL INFORMATION MUST BE PROVIDED.** Please submit one form for each activity for which expedited processing is requested.

<b>SECTION I - FACILITY INFORMATION</b>									
Agency Interest (AI) #		2719		Permit # (if permitted)		2560-00001-V5			
Date Permit Application Submitted		September 21, 2007							
Media	<input checked="" type="checkbox"/> Air		Solid Waste	Type of Permit	New Facility		<input checked="" type="checkbox"/> Modified Facility		
	<input type="checkbox"/> Water		Hazardous Waste		General Permit		Variance		
	<input type="checkbox"/> Other				License		Registration		
		Renewal w/ Modifications							
Owner / Operator Name		Motiva Enterprises LLC							
Facility Name		Convent Refinery HTU-2 and HTU-3 Process Units							
Mailing Address		Street	P.O. Box 37						
		City	Convent	State	LA	Zip	70723		
Technical Contact Available After Normal Work Hours		Name	John Wheeler, Staff Engineer						
		Phone	( 225 ) 562-6967						
		Cell Phone	( )						
		Fax	( 225 ) 562-6874						
E-mail	john.wheeler@motivaent.com								
<b>RECEIVE</b>									
SEP 21 2007									
LA DEPARTMENT OF ENVIRONMENTAL QUALITY									

### SECTION II - EXPEDITED PERMIT INFORMATION

1. How many new permanent jobs will result from this permit action?		None		
2. Date requested for final permit decision		December 21, 2007 (or sooner)		
3. Is construction activity proposed in permit application?		<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
4. Does the applicant owe any outstanding fees to LDEQ?		<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If you answered "Yes" to No. 4, above, attach explanation to this form.				
5. Is there a limit to the amount you are willing to pay to expedite the permit?		<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

If you answered "Yes" to No. 5, above, please read and complete the following:

I understand that if such a maximum amount is requested, the number of overtime hours a department employee or contractor works processing the permit, modification, license, registration, or variance shall be limited accordingly. If further processing of the document is required, the department's continued review will not be in accordance with the provisions of this Chapter, and the request will no longer be handled on an expedited basis. I understand that the department will charge a fee for the expedited processing which was performed. (LAC 33:I:1805)

I wish to limit the expedited permit fee to:	\$ 2,000	
--	----------	--

Provide the basis or need for this expedited permit request.

See cover letter.

### SECTION III - PUBLIC NOTICE

Public notice of all expedited permit processing will be provided in accordance with LAC 33:I:1809.A

### SECTION IV - CERTIFICATIONS

Check the appropriate box regarding pending enforcement actions and lawsuits.

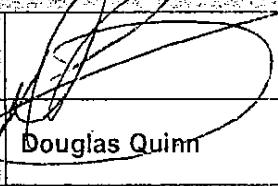
- I certify that I am not subject to any pending state or federal enforcement actions, including citizen suits brought under state or federal law. (NOTE: DEQ has agreed to Motiva's proposed settlement offer for two Notices of Potential Penalty (NOPP). Motiva is currently awaiting a draft settlement agreement from the DEQ Enforcement Section.)
- I am currently subject to pending state or federal enforcement actions, including citizen suits brought under state or federal law.

Please read and complete the following:

I, as the duly authorized responsible official, certify in accordance with LAC 33:I:1803.C, that should additional information be required to complete the permit process, all requested information will be provided within the timeframes specified by the department.

I understand that:

- If the requested information is not provided within the timeframes specified, or if the limit I have indicated as a maximum amount to be paid for expedited processing is reached, the Department reserves the right to cease processing the permit, modification, license, registration, or variance as an expedited permit.
- If the department ceases expedited permit processing, I will be billed for the expedited processing that occurred in accordance with LAC 33:I:1805.B.
- There is no guarantee that a final permit decision will be issued by the date I have requested.
- The submittal of this request does not release me from liability for any violations related to this activity or the Environmental Quality Act.
- A permit may be required prior to any construction at the site, operation of the proposed activity or commencement of discharges from this proposed activity, and I should refer to media-specific regulations for this information.

Signature		Title	General Manager
Printed Name	Douglas Quinn	Date	Sept. 20, 2007



September 21, 2007

**VIA HAND DELIVERY**

Dr. Chuck Carr Brown  
 Assistant Secretary  
 Office of Environmental Services  
 Louisiana Department of Environmental Quality  
 P.O. Box 4313  
 Baton Rouge, LA 70821-4313

**RE: Part 70 Air Permit Application for Existing Emission Units Currently Permitted Under Air  
 Permit No. 2560-00001-V5**  
**HTU-2 and HTU-3 Process Units**  
**Motiva Enterprises LLC (Motiva).—Convent Refinery**  
**Agency Interest Number 2719**

Dear Dr. Brown:

Motiva Enterprises LLC (Motiva) owns and operates a petroleum refinery in Convent, Louisiana (St. James Parish). Motiva currently operates the refinery under Part 70 Operating Permit No. 2560-00001-V5. The Convent Refinery is classified as a major source of criteria air pollutants.

**Background and Justification for Expedited Permitting Request**

Because the Ultra Low Sulfur Diesel (ULSD) project included changes to the HTU-2 and HTU-3 process units, Motiva included changes to the annual emission limits for these heaters in the ULSD permit application and permit (2560-00001-V5). Due to the time required for preparation of the application, permit application processing, and project construction, the ULSD permit application was based on the best available project design information approximately two and a half years before the start of operation for the project. Motiva's analysis of process heater operation since the start of operation indicates that some heaters are operating with fired duties that are greater than previously expected, while some are operating with fired duties less than previously anticipated. For all of the following reasons, Motiva is proposing an annual emissions cap for the HTU-2 and HTU-3 process heaters (EPN HTU-2-3 Heaters).

- Some heaters are firing more and some are firing less than anticipated in the ULSD permit,
- The ratio of fired duties will change during normal catalyst life, fluctuations in hot/cold feed ratios, and other normal operational variability, and
- The total annual emissions for all five heaters will be less than the sum of current annual emission limits from all five heaters.

Motiva included this emissions cap in the air permit renewal application for the refinery's air permit (2560-00001-V5). However, in ongoing correspondence about the renewal, the DEQ recently stated to Motiva that the DEQ could not issue the renewed air permit prior to the end of the year. For one heater (EPN 14H-101, the HTU-2 Charge Heater, Train 1), Motiva will either need to significantly reduce the firing rate for this heater or work with the DEQ to re-permit the heater prior to the end of the year, in order to avoid an exceedance of the annual emission rate limits for this heater for Calendar Year 2007. A significant reduction in the firing rate will reduce the production of diesel fuel from the refinery, resulting in a significant economic penalty for Motiva, reducing the likelihood Motiva will make future capital investments in its Louisiana refineries (Motiva is

Dr. Brown - Page 2 of 2  
September 21, 2007

headquartered and owns assets outside of Louisiana), and reducing the overall supply of diesel fuel in an already tight market, putting upward pressure on fuel prices.

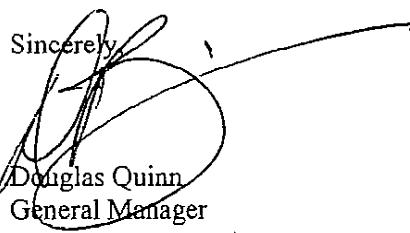
As an alternative, the DEQ recommended that Motiva pursue a separate air permit for the HTU-2 and HTU-3 process units while requesting expedited processing of this permit application. Motiva is submitting this permit application in response to this recommendation.

#### Permit Fee

Motiva is including with this application a check for \$1,866 (Check No. 161) for the permit fee (Fee Code 0720). The basis for this permit fee is LAC 33:III.211.B.13.d (October 2005). This permit application is not for a new process or operation at the refinery and it will not increase the refinery capacity. Rather, this permit application is for existing equipment currently permitted under Air Permit No. 2560-00001-V5. There is no increase in total annual permitted emissions for any pollutant relative to the existing air permit. (EPN HTU FUG is not an emission point for new equipment. Rather, it reflects a subset of the equipment/processes in EPN GEN PLANT in 2560-00001-V5.) In addition, this permit application does not include any of the major modification criteria in LAC 33:III.211.B.13.b.i-v. Therefore, the applicable permit fee is the minimum minor modification permit fee of \$1,866.

Motiva sincerely appreciates a prompt review of this application and issuance of the air permit by December 21, 2007 or sooner. If you have any questions, please call Mr. John Wheeler at (225) 562-6967.

Sincerely,



Douglas Quinn  
General Manager

JGW

Attachments

Cheryl Nolan

---

**From:** Chanda Henne  
**Sent:** Monday, July 23, 2007 1:51 PM  
**To:** Cheryl Nolan  
**Cc:** Jeffrey Nolan; Guna Gunasekaran  
**Subject:** FW: Motiva

Hi Cheryl,

I wasn't sure which settlement you wanted to know about, so I just thought I'd give you the actions for both. The actions in the Norco settlement are AE-CN-02-0190, AE-PP-03-0217, WE-CN-01-0017, WE-CN-04-1034, WE-CN-04-1034A, and AE-PP-05-0241. The actions in the Convent settlement are AE-CN-05-0027, AE-CN-05-0027A, and AE-CN-06-0012. I hope this helps. If you need anything further, please let me know.

Thanks,  
Chanda

*Chanda S. Henne*

Louisiana Department of Environmental Quality  
Office of Environmental Compliance  
Post Office Box 4312  
Baton Rouge, LA 70821-4312  
Phone: 225.219.3748  
Fax: 225.219.0848  
[chanda.henne@la.gov](mailto:chanda.henne@la.gov)

---

**From:** Jeffrey Nolan  
**Sent:** Monday, July 23, 2007 1:30 PM  
**To:** Chanda Henne  
**Subject:** FW: Motiva

Chanda

Can you look this up and get back with Cheryl?

jtn

---

**From:** Cheryl Nolan  
**Sent:** Monday, July 23, 2007 1:24 PM  
**To:** Jeffrey Nolan  
**Cc:** Kaylee Wiegel  
**Subject:** Motiva

Jeff

Got an expedited request – I know ya'll are in settlement negotiations – can you tell me what enf actions are being considered for this settlement (air and water)

Thanks

*al's still working  
on Settlement P  
CSN*

*Cheryl Sonnier Nolan  
Administrator, Air Permits Division  
Office of Environmental Services  
(225) 219-3001*

AL 2719 PER 2007 22

Program 01 INT DOC ID: 1217653

Refresh

MASTER ORG NAME	
Motiva Enterprises LLC	

Total Owed	-7128.63

REQ ID	FY	INVOICE #	VENDOR NAME	INV AMT	BAL
6280	1992	1992-524101457	GEN. DEGAULLE SHELL	100	100
13615	1992	1992-524102608	JIFS PETROLEUM SERV	100	100
6280	1992	1992-524131457	GEN. DEGAULLE SHELL	283.65	283.7
13615	1992	1992-524132608	JIFS PETROLEUM SERV	283.65	283.7
6280	1993	1993-534101098	GENERAL DEGAULLE SHELL	100	100
6280	1993	1993-534131061	GENERAL DEGAULLE SHELL	283.65	283.7
23289	1993	1993-534132033	STAR ENTERPRISE	283.65	283.7
6280	1994	1994-544100792	GENERAL DEGAULLE SHELL	100	100
13677	1994	1994-544101359	STAR ENTERPRISE	100	100
23289	1994	1994-544101509	STAR ENTERPRISE	100	100
13679	1994	1994-544101880	STAR ENTERPRISE	100	100
6280	1994	1994-544130792	GENERAL DEGAULLE SHELL	283.65	283.7
13677	1994	1994-544131359	STAR ENTERPRISE	283.65	283.7
23289	1994	1994-544131509	STAR ENTERPRISE	283.65	283.7
13679	1994	1994-544131880	STAR ENTERPRISE	283.65	283.7
6280	1995	1995-554100505	GENERAL DEGAULLE SHELL	100	100
6280	1995	1995-554130505	GENERAL DEGAULLE SHELL	283.65	283.7
1885	1996	1996-564040280	UPPER CITY SHELL	50	50
2697	1996	1996-564040502	WEST METAIRIE RD SHELL	50	50
2724	1996	1996-564040511	PARIS AVE SAELL	50	50
72949	1998	1998-884052088	LAURICELLA LAND CO.	135	135
13574	2000	2000-506130603	STAR ENTERPRISE	283.65	-198
12607	2002	2002-426013040	THIRD COAST ENERGY, LLC	200	240
12607	2002	2002-426013040	THIRD COAST ENERGY, LLC	40	240
12607	2003	2003-436015943	THIRD COAST ENERGY, LLC	240	288
12607	2003	2003-436015943	THIRD COAST ENERGY, LLC	48	288

*No outstanding fees owed.*

DEQ_ID	FY	INVOICE#	INVENDORNAME	INVAM	BAL
1406	2003	2003-936010170	MOTIVA ENTERPRISES LLC	19514	-27
12607	2004	2004-66409	SHELL BRANDED SERVICE STATION	52.8	316.8
12607	2004	2004-66409	SHELL BRANDED SERVICE STATION	264	316.8
70744	2004	2004-77487	SHELL RETAIL STATION	162	-54
1406	2005	2005-122417	MOTIVA ENTERPRISES LLC - NORCO REFI	0	-300
1406	2005	2005-356240704	MOTIVA ENTERPRISES LLC/NORCO REFIN	60840	-2910
1406	2006	2006-143571	MOTIVA ENTERPRISES LLC - NORCO REFI	44809	-2799
15259	2006	2006-146638	SHELL #137459	216	-491
15259	2006	2006-146638	SHELL #137459	275	-491

Cheryl Nolan

From: Peggy Hatch  
Sent: Friday, March 02, 2007 1:46 PM  
To: Cheryl Nolan  
Subject: RE: Motiva

We have a verbal settlement offer for this AI# which addresses 3 air actions and 2 water actions. Thanks, Peg

---

From: Cheryl Nolan  
Sent: Friday, March 02, 2007 12:55 PM  
To: Peggy Hatch  
Subject: Motiva

Hey Peg – the AI is 1406

Thanks

*Cheryl Sonnier Nolan  
Administrator, Air Permits Division  
Office of Environmental Services  
(225) 219-3001*

3/2/07 3:30 pm — spoke to Peggy. They have a  
verbal agreement re: the settlement.

*CJN*

	Issued Date	WAL Status	WAL	Completed Date	Penalty Amount	Municipality	User Created	Program Desc
1	30-NOV-1998	Closed		16-MAY-2006	.00	Norco	*ENF_ORDER	Water
2	14-DEC-1999	Action Issued	10001	14-DEC-1999		Convent	SIDNEYM	Solid Waste
3	26-JAN-2000	Closed		26-JAN-2000		Norco	ROSELLES	Haz Waste
4	28-FEB-2000	Closed		16-MAY-2006		Norco	KVEILLON	Water
5	02-MAR-2000	Closed		16-MAY-2006		Norco	KVEILLON	Water
6	02-JUN-2000	Action Rescinded		06-JUN-2000		Norco	MADONNAC	Air
7	02-JUN-2000	Closed		20-JUL-2001		Norco	MADONNAC	Air
8	06-JUN-2000	Closed		20-JUL-2001		Norco	MADONNAC	Air
9	08-JUN-2000	Action Issued	101241	08-JUN-2000		Zachary	MADONNAC	Air
10	24-JUL-2000	Closed		20-JUL-2001		Norco	MADONNAC	Air
11	31-OCT-2000	Action Issued	Texas #44-398-130	31-OCT-2000		Baton Rouge	MADONNAC	Air
12	31-OCT-2000	Closed		28-APR-2003		Convent	SONYAE	Air
13	31-OCT-2000	Closed		28-APR-2003		Convent	SONYAE	Air
14	29-JAN-2001	Closed		20-JUL-2001		Norco	TERRYP	Air
15	13-MAR-2001	Closed		28-APR-2003	.00	Convent	SHAMPAB	Air
16	13-MAR-2001	Closed		28-APR-2003	.00	Convent	SHAMPAB	Air
17	13-MAR-2001	Closed		28-APR-2003	.00	Convent	SHAMPAB	Air
18	22-APR-2001	Closed		22-APR-2001	.00	Norco	AMBERL	Haz Waste
19	25-JUN-2001	Closed		24-JUN-2001		Baton Rouge	MARTHAG	Air
20	02-JUL-2001	Closed		20-JUL-2001	500000.00	Norco	LINDAH	Multimedia
21	24-JUL-2001	Action Issued	Circle K	24-JUL-2001		Baton Rouge	MARTHAG	Air
22	24-JUL-2001	Closed		21-FEB-2006		Baton Rouge	JOHNC	Air
23	20-AUG-2001	Closed		17-SEP-2001	2300000.00	Norco	LINDAH	Air
24	24-SEP-2001	Closed		16-MAY-2006	.00	Norco	CHASITYM	Water
25	26-SEP-2001	Closed		07-JAN-2002		Denham Springs	JOHNC	Air
26	03-JAN-2002	Closed		03-JAN-2002		Walker	GREGF	UST
27	28-MAR-2002	Closed		23-JUL-2004	.00	Convent	JAMESG	Radiation
28	28-MAR-2002	Closed		23-JUL-2004	.00	Convent	JAMESG	Radiation

Parish	Master AId	ENF Number	Master Ai Name		Resp Entity Name	ENF Type
1 St. Charles	1406 WEC980322	Motiva Enterprises LLC - Norco Refinery		Motiva Enterprises LLC	CO	
2 St. James	2719 SECV990408	Motiva Enterprises LLC - Convent Refinery		Motiva Enterprises LLC	NOCV	
3 St. Charles	1406 HECV990136	Motiva Enterprises LLC - Norco Refinery		Motiva Enterprises LLC	NOCV	
4 St. Charles	1406 WEPP990205	Motiva Enterprises LLC - Norco Refinery		Motiva Enterprises LLC	NOPP	
5 St. Charles	1406 WEC990204	Motiva Enterprises LLC - Norco Refinery		Motiva Enterprises LLC	CO	
6 St. Charles	1406 AEAO000071	Motiva Enterprises LLC - Norco Refinery		Motiva Enterprises LLC	AO	
7 St. Charles	1406 AEPP000165	Motiva Enterprises LLC - Norco Refinery		Motiva Enterprises LLC	NOPP	
8 St. Charles	1406 AEAO000075	Motiva Enterprises LLC - Norco Refinery		Motiva Enterprises LLC	AO	
9 East Baton Rouge	13574 AEPP000105	Shell #101241		Motiva Enterprises LLC	NOPP	
10 St. Charles	1406 AEAO000175A	Motiva Enterprises LLC - Norco Refinery		Motiva Enterprises LLC	AO	
11 East Baton Rouge	70010 AEPP000217	Texaco #44-398-1307		Motiva Enterprises LLC	NOPP	
12 St. James	2719 AECN0000009	Motiva Enterprises LLC - Convent Refinery		Motiva Enterprises LLC	CO	
13 St. James	2719 AECN0000009	Motiva Enterprises LLC - Convent Refinery		Motiva Enterprises LLC	NOPP	
14 St. Charles	1408 AEPP000402	Motiva Enterprises LLC - Norco Refinery		Motiva Enterprises LLC	NOPP	
15 St. James	2719 AECN000009A	Motiva Enterprises LLC - Convent Refinery		Motiva Enterprises LLC - AMND		
16 St. James	2719 AECN000009A	Motiva Enterprises LLC - Convent Refinery		Motiva Enterprises LLC	CO	
17 St. James	2719 AECN000009A	Motiva Enterprises LLC - Convent Refinery		Motiva Enterprises LLC	NOPP	
18 St. Charles	1406 HECV000668	Motiva Enterprises LLC - Norco Refinery		Motiva Enterprises LLC	NOCV	
19 East Baton Rouge	70018 MSECV010052	Texaco Station 101246		Motiva Enterprises LLC	NOCV	
20 St. Charles	1406 MMSA010011	Motiva Enterprises LLC - Norco Refinery		Motiva Enterprises LLC	SA	
21 East Baton Rouge	70008 MSECO10049	Circle K #2709726		Motiva Enterprises LLC	CO	
22 East Baton Rouge	71560 MSECO10050	Circle K #2709729		Motiva Enterprises LLC	CO	
23 St. Charles	1406 AESA010018	Motiva Enterprises LLC - Norco Refinery		Motiva Enterprises LLC	SA	
24 St. Charles	1406 WECN010017	Motiva Enterprises LLC - Norco Refinery		Motiva Enterprises LLC	CONP	
25 Livingston	42573 MSECO10059	Circle K #2709737		Motiva Enterprises LLC	CO	
26 Livingston	84101 UECV010106	Circle K #2709734		Motiva Enterprises LLC	NOCV	
27 St. James	2719 RECNO10109	Motiva Enterprises LLC - Convent Refinery		Motiva Enterprises LLC	CO	
28 St. James	2719 RECNO10109	Motiva Enterprises LLC - Convent Refinery		Motiva Enterprises LLC	NOPP	

			WAI Status	WAI Status	Issued Date	Completed Date	Penalty Amount	Municipality	User Created	Program Desc
29	02-APR-2002	Closed				21-MAR-2006	.00	Baton Rouge	SABRINAV	UST
30	28-MAY-2002	Closed				28-MAY-2002		Baton Rouge	JAMESG	Air
31	14-JUL-2002	Closed				14-JUL-2002	.00	Walker	NICOLET	Air
32	22-JUL-2002	Closed				17-FEB-2006		Baton Rouge	EDARTEZ	Air
33	23-SEP-2002	Closed				23-SEP-2002		Port Allen	CHRISSIEG	Air
34	23-SEP-2002	Closed				23-SEP-2002		Baton Rouge	EDARTEZ	Air
35	23-SEP-2002	Closed				23-SEP-2002	.00	Baton Rouge	CHRISSIEG	Air
36	23-SEP-2002	Action Rescinded				19-MAY-2003		Baton Rouge	EDARTEZ	Air
37	15-OCT-2002	Closed				15-OCT-2002	.00	Baton Rouge	MAUREENK	Air
38	12-NOV-2002	Closed				12-NOV-2002		Baton Rouge	TOMC	Air
39	11-DEC-2002	Closed				11-DEC-2002	.00	Denham Springs	NICOLET	Air
40	30-DEC-2002	Closed				30-DEC-2002		Baton Rouge	MAUREENK	Air
41	31-DEC-2002	Closed				08-JAN-2004		Convent	TOBYL	Air
42	31-DEC-2002	Closed				08-JAN-2004		Convent	TOBYL	Air
43	24-FEB-2003	Closed				24-FEB-2003	.00	Baton Rouge	CHRISSIEG	Air
44	05-MAR-2003	Closed				01-MAR-2006	.00	Baton Rouge	NICOLET	Air
45	14-MAR-2003	Closed				21-SEP-2004	.00	Baton Rouge	MAUREENK	Air
46	17-MAR-2003	Action Issued in settlement re				17-MAR-2003		Norco	TOBYL	Air
47	07-APR-2003	Closed				07-APR-2003		Baton Rouge	TOMC	Air
48	07-APR-2003	Closed				17-FEB-2006	.00	Baton Rouge	TOMC	Air
49	12-JUN-2003	Closed				20-JUN-2003	.00	Baton Rouge	ALISSAC	Air
50	24-JUL-2003	Closed				13-OCT-2003		Baton Rouge	MARTHAG	Air
51	25-JUL-2003	Closed				25-JUL-2003		Metairie	BRANDIR	UST
52	25-JUL-2003	Action Issued 100CL				25-JUL-2003		Convent	CHRISSIEG	Haz Waste
53	14-AUG-2003	Closed				14-AUG-2003		Zachary	BRANDIR	UST
54	05-SEP-2003	Closed				05-SEP-2003		Baton Rouge	JOSEPHA	Air
55	29-SEP-2003	Closed				29-SEP-2003		Norco	TOMC	Haz Waste
56	08-DEC-2003	Closed				08-DEC-2003	.00	Port Allen	ALISSAC	Air

Parish	Master AId	ENF Number	Master A1 Name	ENF Type	Resp Entity Name
29 East Baton Rouge	71560	UEC0110130	Circle K #2709729	CO	Motiva Enterprises LLC
30 East Baton Rouge	86164	MSECV010088	Circle K #2709722	NOCV	Motiva Enterprises LLC
31 Livingston	84101	MSECV020012	Circle K #2709734	NOCV	Motiva Enterprises LLC
32 East Baton Rouge	12608	MSEC020013	Shell Branded Service Station	CO	Motiva Enterprises LLC
33 West Baton Rouge	66396	MSECV020046	Circle K #2709733	NOCV	Motiva Enterprises LLC
34 East Baton Rouge	71560	MSECV020062	Circle K #2709729	NOCV	Motiva Enterprises LLC
35 East Baton Rouge	78689	MSECV020044	Circle K #2709723	NOCV	Motiva Enterprises LLC
36 East Baton Rouge	71264	MSECV020076	Dave Brothers Inc	NOCV	Motiva Enterprises LLC
37 East Baton Rouge	70018	MSECV020086	Texaco Station 101246	NOCV	Motiva Enterprises LLC
38 East Baton Rouge	13684	MSECV020078	Circle K #2709725	NOCV	Motiva Enterprises LLC
39 Livingston	86464	MSECV020137	Circle K #2709731	NOCV	Motiva Enterprises LLC
40 East Baton Rouge	84679	MSECV020134	Circle K #2709716	NOCV	Motiva Enterprises LLC
41 St. James	2719	AECN020192	Motiva Enterprises LLC - Convent Refinery	CO	Motiva Enterprises LLC
42 St. James	2719	AECN020192	Motiva Enterprises LLC - Convent Refinery	NOPP	Motiva Enterprises LLC
43 East Baton Rouge	70017	MSECV020142	Circle K #2709717	NOCV	Motiva Enterprises LLC
44 East Baton Rouge	46337	MSECV020131	Shell Branded Service Station	NOCV	Motiva Enterprises LLC
45 East Baton Rouge	70010	MSEC020127	Texaco #44-398-1307	CO	Motiva Enterprises LLC
46 St. Charles	1406	AECN020190	Motiva Enterprises LLC - Norco Refinery	CONP	Motiva Enterprises LLC
47 East Baton Rouge	12608	MSECV02016	Shell Branded Service Station	NOCV	Motiva Enterprises LLC
48 East Baton Rouge	13632	MSEC020139	Circle K #2709720	CO	Motiva Enterprises LLC
49 East Baton Rouge	13698	MSECV030014	Circle K #2709721	NOCV	Motiva Enterprises LLC
50 East Baton Rouge	12607	MSEC030002	Shell Branded Service Station	CO	Motiva Enterprises LLC
51 Jefferson	2620	UECV030081	Shell #137463	NOCV	Motiva Enterprises LLC
52 St. James	2719	HECV030101	Motiva Enterprises LLC - Convent Refinery	NOCV	Motiva Enterprises LLC
53 East Baton Rouge	13574	UECV030076	Shell #101241	NOCV	Motiva Enterprises LLC
54 East Baton Rouge	71560	MSECV030042	Circle K #2709729	NOCV	Motiva Enterprises LLC
55 St. Charles	1406	HECV020388	Motiva Enterprises LLC - Norco Refinery	NOCV	Motiva Enterprises LLC
56 West Baton Rouge	66396	MSECV030074	Circle K #2709733	NOCV	Motiva Enterprises LLC

	Issued Date	WAI Status	WAI Completed Date	Penalty Amount	Municipality	User Created	Program Desc
57	09-DEC-2003	Closed	09-DEC-2003	.00	Denham Springs	JASONF	Air
58	15-DEC-2003	Closed	08-JAN-2004	1247.21	Convent	TOBYL	Air
59	18-DEC-2003	Closed	18-DEC-2003	.00	Baton Rouge	ALISSAC	Air
60	31-DEC-2003	Closed	17-FEB-2006	.00	Baton Rouge	TOMC	Air
61	27-FEB-2004	Closed	01-MAR-2006	.00	Baton Rouge	TOMC	Air
62	09-MAR-2004	Closed	01-MAR-2006	.00	New Orleans	RGIANELLO	UST
63	10-MAR-2004	Action Issued in Reffert v. City.	10-MAR-2004	.00	Norco	TOBYL	Air
64	17-MAY-2004	Closed	17-MAY-2004	.00	Norco	TOBYL	Air
65	11-JUN-2004	Closed	01-MAR-2006	.00	Baton Rouge	EDARTEZ	Air
66	12-JUN-2004	Closed	12-JUN-2004	.00	Norco	JASONF	Solid Waste
67	13-JUL-2004	Closed	01-MAR-2006	.00	Metairie	MARTHAG	Multimedia
68	13-JUL-2004	Closed	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
69	13-JUL-2004	Closed	01-MAR-2006	.00	New Orleans	MARTHAG	Multimedia
70	13-JUL-2004	Closed	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
71	13-JUL-2004	Closed	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
72	13-JUL-2004	Closed	01-MAR-2006	.00	Zachary	MARTHAG	Multimedia
73	13-JUL-2004	Closed	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
74	13-JUL-2004	Closed	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
75	13-JUL-2004	Closed	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
76	13-JUL-2004	Closed	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
77	13-JUL-2004	Closed	01-MAR-2006	.00	Port Allen	MARTHAG	Multimedia
78	13-JUL-2004	Closed	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
79	13-JUL-2004	Closed	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
80	13-JUL-2004	Closed	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
81	13-JUL-2004	Closed	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
82	13-JUL-2004	Closed	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
83	13-JUL-2004	Closed	01-MAR-2006	.00	Walker	MARTHAG	Multimedia
84	13-JUL-2004	Closed	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia

Parish	Master AId	ENF Number	Master A1 Name	Responsible Entity Name	ENF Type
Livingston	86464	MSECV030006q	Circle K #2709731	Motiva Enterprises LLC	NOCV
St. James	2719	AEP030331	Motiva Enterprises LLC - Convent Refinery	Motiva Enterprises LLC	PA
East Baton Rouge	13684	MSECV030083	Circle K #2709725	Motiva Enterprises LLC	NOCV
East Baton Rouge	13632	MSEC030069	Circle K #2709720	Motiva Enterprises LLC	CO
East Baton Rouge	70018	MSEC030070	Texaco Station 101246	Motiva Enterprises LLC	CO
Orleans	6099	UEC030280	City Park Shell	Motiva Enterprises LLC	CO
St. Charles	1406	AEPP030217	Motiva Enterprises LLC - Norco Refinery	Motiva Enterprises LLC	NOPP
St. Charles	1406	AECV040110	Motiva Enterprises LLC - Norco Refinery	Motiva Enterprises LLC	NOCV
East Baton Rouge	23293	MSEC030102	Circle K #2709729	Motiva Enterprises LLC	CO
St. Charles	1406	SECV040022	Motiva Enterprises LLC - Norco Refinery	Motiva Enterprises LLC	NOCV
Jefferson	2620	MMP040041	Shell #137463	Motiva Enterprises LLC	NOPP
East Baton Rouge	4637	MMP040041	Shell Branded Service Station	Motiva Enterprises LLC	NOPP
Orleans	6099	MMP040041	City Park Shell	Motiva Enterprises LLC	NOPP
East Baton Rouge	12607	MMP040041	Shell Branded Service Station	Motiva Enterprises LLC	NOPP
East Baton Rouge	12608	MMP040041	Shell Branded Service Station	Motiva Enterprises LLC	NOPP
East Baton Rouge	13574	MMP040041	Shell #101241	Motiva Enterprises LLC	NOPP
East Baton Rouge	13632	MMP040041	Circle K #2709720	Motiva Enterprises LLC	NOPP
East Baton Rouge	13684	MMP040041	Circle K #2709725	Motiva Enterprises LLC	NOPP
East Baton Rouge	13698	MMP040041	Circle K #2708721	Motiva Enterprises LLC	NOPP
East Baton Rouge	23293	MMP040041	Circle K #2709729	Motiva Enterprises LLC	NOPP
West Baton Rouge	66396	MMP040041	Circle K #2709733	Motiva Enterprises LLC	NOPP
East Baton Rouge	70010	MMP040041	Texaco #44-398-1307	Motiva Enterprises LLC	NOPP
East Baton Rouge	70017	MMP040041	Circle K #2709717	Motiva Enterprises LLC	NOPP
East Baton Rouge	70018	MMP040041	Texaco Station 101246	Motiva Enterprises LLC	NOPP
East Baton Rouge	71560	MMP040041	Circle K #2709729	Motiva Enterprises LLC	NOPP
East Baton Rouge	78689	MMP040041	Circle K #2709723	Motiva Enterprises LLC	NOPP
Livingston	84101	MMP040041	Circle K #2709734	Motiva Enterprises LLC	NOPP
East Baton Rouge	84679	MMP040041	Circle K #2709716	Motiva Enterprises LLC	NOPP

Issue Date	WAL Status	WAL Completed Date	Penalty Amount	Municipality	User Created	Program Desc
85 13-JUL-2004	Closed	01-MAR-2006		Baton Rouge	MARTHAG	Multimedia
86 13-JUL-2004	Closed	01-MAR-2006		Denham Springs	MARTHAG	Multimedia
87 23-NOV-2004	Action Issued	23-NOV-2004		Norco	RUDYM	Water
88 02-MAR-2005	Legal - HR Dispute Res. Agree. <i>S. H. S. Hart</i>	01-MAR-2006	125202.38	Metairie	MARTHAG	Multimedia
89 02-MAR-2005	Legal - HR Dispute Res. Agree. <i>S. H. S. Hart</i>	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
90 02-MAR-2005	Legal - HR Dispute Res. Agree. <i>S. H. S. Hart</i>	01-MAR-2006	.00	New Orleans	MARTHAG	Multimedia
91 02-MAR-2005	Legal - HR Dispute Res. Agree.	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
92 02-MAR-2005	Legal - HR Dispute Res. Agree.	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
93 02-MAR-2005	Legal - HR Dispute Res. Agree.	01-MAR-2006	.00	Zachary	MARTHAG	Multimedia
94 02-MAR-2005	Legal - HR Dispute Res. Agree. <i>C. C. P. K</i>	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
95 02-MAR-2005	Legal - HR Dispute Res. Agree.	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
96 02-MAR-2005	Legal - HR Dispute Res. Agree.	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
97 02-MAR-2005	Legal - HR Dispute Res. Agree.	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
98 02-MAR-2005	Legal - HR Dispute Res. Agree.	01-MAR-2006	.00	Port Allen	MARTHAG	Multimedia
99 02-MAR-2005	Legal - HR Dispute Res. Agree. <i>A. A. S. Hart</i>	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
100 02-MAR-2005	Legal - HR Dispute Res. Agree. <i>C. C. P. K</i>	01-MAR-2006		Baton Rouge	MARTHAG	Multimedia
101 02-MAR-2005	Legal - HR Dispute Res. Agree. <i>T. E. S. C. J. C. K.</i>	01-MAR-2006		Baton Rouge	MARTHAG	Multimedia
102 02-MAR-2005	Legal - HR Dispute Res. Agree. <i>C. C. P. K</i>	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
103 02-MAR-2005	Legal - HR Dispute Res. Agree. <i>C. C. P. K</i>	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
104 02-MAR-2005	Closed	01-MAR-2006	.00	Walker	MARTHAG	Multimedia
105 02-MAR-2005	Legal - HR Dispute Res. Agree. <i>C. C. P. K</i>	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
106 02-MAR-2005	Legal - HR Dispute Res. Agree.	01-MAR-2006	.00	Baton Rouge	MARTHAG	Multimedia
107 02-MAR-2005	Legal - HR Dispute Res. Agree.	01-MAR-2006	.00	Denham Springs	MARTHAG	Multimedia
108 16-MAY-2005	Legal - HR - Status/Disposition - Sent to DAL	16-JUL-2005	.00	Convent	SCOTTF	Air
109 16-MAY-2005	Supervisor's Pre-Legal Review Completed	25-OCT-2005		Sorrento	SCOTTF	Air
110 20-MAY-2005	Action Issued	20-MAY-2005	.00	Norco	RUDYM	Water
111 27-DEC-2005	Action Issued	27-DEC-2005	.00	Convent	SCOTTF	Air
112 27-DEC-2005	Action Issued	27-DEC-2005	.00	Sorrento	SCOTTF	Air

in settlement neg.

Parish	Master AId	ENF Number	Master AName	Resp Entity Name	ENF Type
85 East Baton Rouge	86164	MMPPO40041	Circle K #2709722	Motiva Enterprises LLC	NOPP
86 Livingston	86464	MMPPO40041	Circle K #2709731	Motiva Enterprises LLC	NOPP
87 St. Charles	1406	WECN041034	Motiva Enterprises LLC - Norco Refinery	Motiva Enterprises LLC	CONP
88 Jefferson	2620	MMP040042	Shell #137463	Motiva Enterprises LLC	PA
89 East Baton Rouge	4637	MMP040042	Shell Branded Service Station	Motiva Enterprises LLC	PA
90 Orleans	6099	MMP040042	City Park Shell	Motiva Enterprises LLC	PA
91 East Baton Rouge	12607	MMP040042	Shell Branded Service Station	Motiva Enterprises LLC	PA
92 East Baton Rouge	12608	MMP040042	Shell Branded Service Station	Motiva Enterprises LLC	PA
93 East Baton Rouge	13574	MMP040042	Shell #101241	Motiva Enterprises LLC	PA
94 East Baton Rouge	13632	MMP040042	Circle K #2709720	Motiva Enterprises LLC	PA
95 East Baton Rouge	13684	MMP040042	Circle K #2709725	Motiva Enterprises LLC	PA
96 East Baton Rouge	13698	MMP040042	Circle K #2709721	Motiva Enterprises LLC	PA
97 East Baton Rouge	23293	MMP040042	Circle K #2709729	Motiva Enterprises LLC	PA
98 West Baton Rouge	66396	MMP040042	Circle K #2709733	Motiva Enterprises LLC	PA
99 East Baton Rouge	70010	MMP040042	Texaco #44-398-1307	Motiva Enterprises LLC	PA
100 East Baton Rouge	70017	MMP040042	Circle K #2709717	Motiva Enterprises LLC	PA
101 East Baton Rouge	70018	MMP040042	Texaco Station 101246	Motiva Enterprises LLC	PA
102 East Baton Rouge	71560	MMP040042	Circle K #2709729	Motiva Enterprises LLC	PA
103 East Baton Rouge	78689	MMP040042	Circle K #2709723	Motiva Enterprises LLC	PA
104 Livingston	84101	MMP040042	Circle K #2709734	Motiva Enterprises LLC	PA
105 East Baton Rouge	84679	MMP040042	Circle K #2709716	Motiva Enterprises LLC	PA
106 East Baton Rouge	86164	MMP040042	Circle K #2709722	Motiva Enterprises LLC	PA
107 Livingston	86464	MMP040042	Circle K #2709731	Motiva Enterprises LLC	PA
108 St. James	2719	AECN050027	Motiva Enterprises LLC - Convent Refinery	Motiva Enterprises LLC	CONP
109 Ascension	25891	AECN050027	Motiva Enterprises LLC - Sorrento Off Site Storage Caverns Facility	Motiva Enterprises LLC	CONP
110 St. Charles	1406	WECN041034A	Motiva Enterprises LLC - Norco Refinery	Motiva Enterprises LLC	ACON
111 St. James	2719	AECN050027A	Motiva Enterprises LLC - Convent Refinery	Motiva Enterprises LLC	ACON
112 Ascension	25891	AECN050027A	Motiva Enterprises LLC - Sorrento Off Site Storage Caverns Facility	Motiva Enterprises LLC	ACON

Issued Date	WAL Status	WAL Completed Date	Penalty Amount	Municipality	User Created	Program Desc
113 06-FEB-2006	Legal - HR Dispute Res. Agree.	16-APR-2007		Convent	SCOTTFF	Air
114 14-FEB-2006	Closed	14-FEB-2006		Baton Rouge	BRIVERO	Air
115 15-FEB-2006	Closed	15-FEB-2006	.00	Denham Springs	MARTHAG	Air
116 01-MAR-2006	Action Issued To Settlement Agg.	01-MAR-2006		Norco	RBRACKIN	Air
117 27-JUL-2006	Closed	25-OCT-2006	350.00	New Orleans	SABRINAV	UST
118 01-FEB-2007	Closed	09-APR-2007	300.00	Denham Springs	TOMC	Air
119 12-JUN-2007	Closed	04-SEP-2007	1250.00	Kenner	CHANDAB	Air
120 03-AUG-2007	Closed	04-SEP-2007	250.00	Kenner	CHANDAB	Air
121 X P	Originalitor's Review Completed	29-MAR-2004		Westwego	RGIANELLOIN	UST

Parish	Master AId	ENF Number	Master A1 Name	Resp Entity Name	ENF Type
113 St. James	2719	AECN060012	Motiva Enterprises LLC - Convent Refinery	Motiva Enterprises LLC	CONP
114 East Baton Rouge	13632	MSECV040014	Circle K #2709720	Motiva Enterprises LLC	NOCV
115 Livingston	42573	MSECV040020	Circle K #2709737	Motiva Enterprises LLC	NOCV
116 St. Charles	1406	AEPP050241	Motiva Enterprises LLC - Narco Refinery	Motiva Enterprises LLC	NOPP
117 Orleans	15927	XPUE050243	Brothers Texaco	Motiva Enterprises LLC	XP
118 Livingston	42573	XPMSE060301	Circle K #2709737	Motiva Enterprises LLC	XP
119 Jefferson	2595	XPAE070166	Motiva Enterprises LLC - Kenner Terminal	Motiva Enterprises LLC	XP
120 Jefferson	2595	XPAE070166A	Motiva Enterprises LLC - Kenner Terminal	Motiva Enterprises LLC	AXP
121 Jefferson	71546	XPUE040009	Claiborne Gardens Shell	Motiva Enterprises LLC	NOPP



September 21, 2007

**COPY**

**VIA HAND DELIVERY**

Dr. Chuck Carr Brown  
Assistant Secretary  
Office of Environmental Services  
Louisiana Department of Environmental Quality  
P.O. Box 4313  
Baton Rouge, LA 70821-4313

362 81 874

original to IoA  
copy to BW/Bell/Chu  
PER 20070022

**RE: Part 70 Air Permit Application for Existing Emission Units Currently Permitted Under Air  
Permit No. 2560-00001-V5  
HTU-2 and HTU-3 Process Units  
Motiva Enterprises LLC (Motiva) – Convent Refinery  
Agency Interest Number 2719**

Dear Dr. Brown:

Motiva Enterprises LLC (Motiva) owns and operates a petroleum refinery in Convent, Louisiana (St. James Parish). Motiva currently operates the refinery under Part 70 Operating Permit No. 2560-00001-V5. The Convent Refinery is classified as a major source of criteria air pollutants.

**Background and Justification for Expedited Permitting Request**

Because the Ultra Low Sulfur Diesel (ULSD) project included changes to the HTU-2 and HTU-3 process units, Motiva included changes to the annual emission limits for these heaters in the ULSD permit application and permit (2560-00001-V5). Due to the time required for preparation of the application, permit application processing, and project construction, the ULSD permit application was based on the best available project design information approximately two and a half years before the start of operation for the project. Motiva's analysis of process heater operation since the start of operation indicates that some heaters are operating with fired duties that are greater than previously expected, while some are operating with fired duties less than previously anticipated. For all of the following reasons, Motiva is proposing an annual emissions cap for the HTU-2 and HTU-3 process heaters (EPN HTU 2-3 Heaters).

- Some heaters are firing more and some are firing less than anticipated in the ULSD permit,
- The ratio of fired duties will change during normal catalyst life, fluctuations in hot/cold feed ratios, and other normal operational variability, and
- The total annual emissions for all five heaters will be less than the sum of current annual emission limits from all five heaters.

Motiva included this emissions cap in the air permit renewal application for the refinery's air permit (2560-00001-V5). However, in ongoing correspondence about the renewal, the DEQ recently stated to Motiva that the DEQ could not issue the renewed air permit prior to the end of the year. For one heater (EPN 14H-101, the HTU-2 Charge Heater, Train 1), Motiva will either need to significantly reduce the firing rate for this heater or work with the DEQ to re-permit the heater prior to the end of the year, in order to avoid an exceedance of the annual emission rate limits for this heater for Calendar Year 2007. A significant reduction in the firing rate will reduce the production of diesel fuel from the refinery, resulting in a significant economic penalty for Motiva, reducing the likelihood Motiva will make future capital investments in its Louisiana refineries (Motiva is

Dr. Brown - Page 2 of 2  
September 21, 2007

headquartered and owns assets outside of Louisiana), and reducing the overall supply of diesel fuel in an already tight market, putting upward pressure on fuel prices.

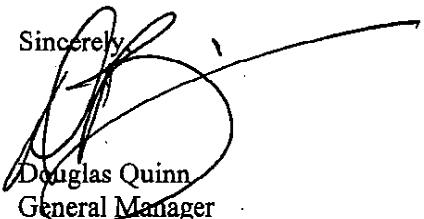
As an alternative, the DEQ recommended that Motiva pursue a separate air permit for the HTU-2 and HTU-3 process units while requesting expedited processing of this permit application. Motiva is submitting this permit application in response to this recommendation.

#### Permit Fee

Motiva is including with this application a check for \$1,866 (Check No. 161) for the permit fee (Fee Code 0720). The basis for this permit fee is LAC 33:III.211.B.13.d (October 2005). This permit application is not for a new process or operation at the refinery and it will not increase the refinery capacity. Rather, this permit application is for existing equipment currently permitted under Air Permit No. 2560-00001-V5. There is no increase in total annual permitted emissions for any pollutant relative to the existing air permit. (EPN HTU FUG is not an emission point for new equipment. Rather, it reflects a subset of the equipment/processes in EPN GEN PLANT in 2560-00001-V5.) In addition, this permit application does not include any of the major modification criteria in LAC 33:III.211.B.13.b.i-v. Therefore, the applicable permit fee is the minimum minor modification permit fee of \$1,866.

Motiva sincerely appreciates a prompt review of this application and issuance of the air permit by December 21, 2007 or sooner. If you have any questions, please call Mr. John Wheeler at (225) 562-6967.

Sincerely,

  
Douglas Quinn  
General Manager

JGW

Attachments

# APPLICATION TRANSMITTAL FORM

**State Agency** Louisiana Department of Environmental Quality **Date** September 2007

Please submit two copies of this form with the application.

## PART A Administrative Information

**Facility Name** Motiva Enterprises LLC – Convent Refinery HTU-2 and HTU-3 Process Units

**City,** Convent, St. James Parish

**County/Parish** St. James Parish

**State** LA **Zip** 70723 **Telephone** (225) 562-7681

**Facility Mailing Address** P.O. Box 37

**and Contact Person** Convent, LA 70723

John Wheeler, Staff Engineer

**State Permit Number** 2560-00001-V5 **Primary SIC Code** 2911

**Secondary SIC Code(s)** \_\_\_\_\_

Place an X under the appropriate description:

<b>New Permit</b>	<b>Renewal</b>	<b>Major/Significant Modification</b>	<b>Minor Modification</b>	<b>Supplemental Information</b>
<input checked="" type="checkbox"/>	_____	_____	_____	_____

## PART B Technical Information

Place an X next to the appropriate information:

CO source  
 PM<sub>10</sub> source  
 VOC source  
 112(b) pollutants

NO<sub>x</sub> source  
 SO<sub>2</sub> source  
 Lead source  
 BIF facility

PSD source  
 Nonattainment Area  
 Acid Rain source  
 Chlorofluorocarbons  
(Only 40 CFR 82, Subpart R)

Compliance Schedule  
 Federal Facility  
 General Permit Source  
 Combustion source

Number of units subject to Enhanced Monitoring (Part 64)? To date, none identified.

Within 50 miles of Class I area? No

Within 50 miles of Indian country? Yes (1) Dulac (2) Charenton (LA)

Applicable Part 60 NSPS subpart? (please list) Subparts A, J, GGG, and QQQ

Applicable Part 61 NESHAP subpart? (please list) Subparts A and FF

Applicable Part 63 MACT category(s)? (please list) Petroleum Refining – Subparts A and CC

Case by case MACT? None

Distance to nearest Class I Area Approximately 100 miles

Department of Environmental Quality  
Office of Environmental Services  
Permits Division  
P.O. Box 4313  
Baton Rouge, LA 70821-4313  
(225) 219-3181

**LOUISIANA**  
SINGLE POINT SOURCE / AREA SOURCE  
Emission Inventory Questionnaire (EIQ)  
for Air Pollutants

Company name <b>Motiva Enterprises LLC</b>	Plant location and name (if any) <b>Convent, LA Convent Refinery</b>	Date of submittal <b>October 2007</b>
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Source ID Number <b>14H-101</b>			Descriptive name of the equipment served by this stack or vent <b>HTU-2 Charge Heater, Train 1</b>			Location of stack or vent (see instructions on how to determine location of area sources).		
Stack and discharge physical characteristics Change <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Height of stack above grade (ft) 117	Diameter (ft) or stack discharge area (ft <sup>2</sup> ) 3.6 ft	Stack gas exit temperature (°F) 250	Stack gas flow at process conditions, not at standard (cfm) 31,412	Stack gas exit velocity (ft/sec) 51	Horizontal coordinate: <b>703032</b> Vertical coordinate: <b>3332665</b>	Date of construction /modification <b>N/A</b>	Operating rate (max) or tank capacity (gals) <b>41.3 MMBtu/hr</b>
Type of fuel used and heat input (see instructions) Fuel a Refinery fuel gas b c	Type of fuel Heat input (MMBtu/hr) <b>41.3</b>	Operating Characteristics >>	Percent of annual throughput of pollutants through this emission point Dec-Feb Mar-May Jun-Aug Sep-Nov <b>25 25 25 25</b>	Emission Rate hrs/day <b>24</b>	Emission estimation method days/week <b>24</b>	Normal operating time of this point weeks/year <b>7 52</b>	Normal operating rate <b>29.5 MMBtu/hr</b>	
<b>Air Pollutant Specific Information</b>								
Pollutant	Control equipment code	Control equipment efficiency %	Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)	Emission estimation method	Add, change, delete code	Concentration in gases exiting at stack
Total VOC (incl. those listed below)	000	0	*	0.22	*	3	A	N/A ppm by vol
Particulate Matter (PM10)	000	0	*	0.31	*	3	A	N/A gr/std ft <sup>3</sup>
Sulfur Dioxide	000	0	*	0.86	*	2	A	N/A ppm by vol
Nitrogen Oxides	000	0	*	2.02	*	3	A	N/A ppm by vol
Carbon Monoxide	000	0	*	3.40	*	3	A	N/A ppm by vol

\* Emissions are included under EPN HTU 2-3 Heaters.

This source emits through a common stack with EPN 14H-313.

The following annual emission rate is negligible (<0.004 tpy): sulfuric acid.

Air Pollutant Specific Information								
Pollutant	Control equipment code	Control equipment efficiency %	Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)	Emission estimation method	Add, change, delete code	Concentration in gases exiting at stack
Total VOC (incl. those listed below)	000	0	*	0.22	*	3	A	N/A ppm by vol
Particulate Matter (PM10)	000	0	*	0.31	*	3	A	N/A gr/std ft <sup>3</sup>
Sulfur Dioxide	000	0	*	0.86	*	2	A	N/A ppm by vol
Nitrogen Oxides	000	0	*	2.02	*	3	A	N/A ppm by vol
Carbon Monoxide	000	0	*	3.40	*	3	A	N/A ppm by vol

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**LOUISIANA**  
SINGLE POINT SOURCE / AREA SOURCE  
Emission Inventory Questionnaire (EIQ)  
for Air Pollutants

Company name

**Motiva Enterprises LLC**

Plant location and name (if any)

**Convent, LA Convent Refinery**

Date of submittal

**October 2007**

Source ID Number

**14H-313**

Descriptive name of the equipment served by this stack or vent

**HTU-2 Stripper Reboiler**Change  Yes  No**117**

Location of stack or vent (see instructions on how to determine location of area sources).

**Horizontal coordinate: 703032 mE****Vertical coordinate: 3332665 mN**

Fuel

**Refinery fuel gas**UTM Zone No. **15****Vertical coordinate:****29,554****Stack gas flow at process conditions, not at standard (cfm)****250****Stack gas exit temperature (°F)****250****Diameter (ft) or stack discharge area (ft<sup>2</sup>)****3.5 ft****Height of stack above grade (ft)****117****Operating Characteristics****>>****Percent of annual throughput of pollutants through this emission point****29,554****Stack gas exit velocity (ft/sec)****50****Date of construction /modification****N/A****Operating rate (max) or tank capacity (gals)****74.2 MMBtu/hr****Normal operating rate****74.2 MMBtu/hr****Normal operating time of this point****48.3 MMBtu/hr****hrs/day****24****days/week****7****weeks/year****52****Percent of annual throughput of pollutants through this emission point****29,554****Stack gas flow at process conditions, not at standard (cfm)****250****Stack gas exit temperature (°F)****250****Diameter (ft) or stack discharge area (ft<sup>2</sup>)****3.5 ft****Height of 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**LOUISIANA**  
SINGLE POINT SOURCE / AREA SOURCE  
Emission Inventory Questionnaire (EIQ)  
for Air Pollutants



Company name

**Motiva Enterprises LLC**

Plant location and name (if any)

**Convent, LA Convent Refinery**

Date of submittal

**October 2007**

Source ID Number

Descriptive name of the equipment served by this stack or vent

Location of stack or vent (see instructions on how to determine location of area sources).

**95H-101****HTU-3 Reactor Feed Heater**

UTM Zone No. 15

Horizontal coordinate: **703474** mE  
Vertical coordinate: **3332748** mN

Stack and discharge physical characteristics	Height of stack above grade (ft)	Diameter (ft) or stack discharge area (ft <sup>2</sup> )	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (cfm)	Stack gas exit velocity (ft/sec)	Operating rate (max) or tank capacity (gals)
Change <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	190	4.9 ft	300	55,415	49	N/A

Type of fuel used and heat input (see instructions)

Type of fuel

Heat input (MMBtu/hr)

**58.8**

Fuel	Type of fuel	Percent of annual throughput of pollutants through this emission point			Normal operating time of this point	Normal operating rate
		Dec-Feb	Mar-May	Jun-Aug		
a	Refinery fuel gas	25	25	25	24	32.91 MMBtu/hr

**Air Pollutant Specific Information**

Pollutant	Control equipment code	Control equipment efficiency %	Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)	Emission estimation method	Add, change, delete code	Concentration in gases exiting at stack
Total VOC (Incl. those listed below)	000	0	*	0.32	*	3	A	N/A ppm by vol
Particulate Matter (PM10)	000	0	*	0.44	*	3	A	N/A gr/sid ft^3
Sulfur Dioxide	000	0	*	1.23	*	2	A	N/A ppm by vol
Nitrogen Oxides	000	0	*	5.88	*	1	A	N/A ppm by vol
Carbon Monoxide	000	0	*	4.84	*	3	A	N/A ppm by vol

\* Emissions are included under EPN HTU 2-3 Heaters.

This source emits through a common stack with EPN 95H-102.

The following annual emission rate is negligible (&lt;0.004 tpy): sulfuric acid.



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Emission Inventory Questionnaire (EIQ)  
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Company name

**Motiva Enterprises LLC**

Plant location and name (if any)

**Convent, LA Convent Refinery**

Date of submittal

**October 2007**

Source ID Number

Descriptive name of the equipment served by this stack or vent

Location of stack or vent (see instructions on how to determine location of area sources).

**95H-102****HTU-3 Stripper Reboiler Heater**

Stack and discharge physical characteristics	Height of stack above grade (ft)	Diameter (ft) or stack discharge area (ft <sup>2</sup> )	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (cfm)	Stack gas exit velocity (ft/sec)	Operating rate (max) or tank capacity (gals)
Change <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	190	4.75 ft	300	51,624	50	N/A

Type of fuel used and heat input (see instructions)

Fuel	Type of fuel	Heat input (MMBtu/hr)	Operating Characteristics	Percent of annual throughput of pollutants through this emission point	Normal operating time of this point	Normal operating rate
a	Refinery fuel gas	79	>>	Dec-Feb 25 Mar-May 25 Jun-Aug 25 Sep-Nov 25	hrs/day 24 days/week 7 weeks/year 52	Normal operating rate
b						
c						

**Air Pollutant Specific Information**

Pollutant	Control equipment code	Control equipment efficiency %	Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)	Emission estimation method	Add. charge, delin. code	Concentration in gases exiting at stack
Total VOC (incl. those listed below)	000	0	*	0.43	*	3	A	N/A ppm by vol
Particulate Matter (PM10)	000	0	*	0.59	*	3	A	N/A gr/std ft^3
Sulfur Dioxide	000	0	*	1.65	*	2	A	N/A ppm by vol
Nitrogen Oxides	000	0	*	7.90	*	1	A	N/A ppm by vol
Carbon Monoxide	000	0	*	6.51	*	3	A	N/A ppm by vol

\* Emissions are included under EPN HTU 2-3 Heaters.

This source emits through a common stack with EPN 95H-101.

The following annual emission rate is negligible (&lt;0.004 tpy): sulfuric acid.

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# LOUISIANA

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for Air Pollutants

Company name

Motiva Enterprises LLC

Plant location and name (if any)

Convent, LA Convent Refinery

Date of submittal

October 2007

Source ID Number

**HTU 2-3 Heaters****HTU 2-3 Heaters Cap**

Descriptive name of the equipment served by this stack or vent

Location of stack or vent (see instructions on how to determine location of area sources).

Stack and discharge physical characteristics		Height of stack above grade (ft)	Diameter (ft) or stack discharge area (ft <sup>2</sup> )	Stack gas exit temperature (°F)	Stack gas flow at process conditions, not at standard (cfm)	Stack gas exit velocity (ft/sec)		Percent of annual throughput of pollutants through this emission point		Normal operating time of this point		Normal operating rate	
Change <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		N/A	N/A	N/A	N/A	N/A		Dec-Feb	Mar-May	Jun-Aug	Sep-Nov	hrs/day	days/week
>>				>>	Operating Characteristics			25	25	25	25	24	7
Fuel	Type of fuel	Heat input (MMBtu/hr)										weeks/year	N/A
a N/A		N/A											
b —													
c —													

## Air Pollutant Specific Information

Pollutant	Control equipment code	Control equipment efficiency %	Emission Rate			Emission estimation method	Add, change, delete code	Concentration in gases exiting at stack
			Average (lbs/hr)	Maximum (lbs/hr)	Annual (tons/yr)			
Total VOC (incl. those listed below)	000	0	0.97	—	4.28	3	A	N/A ppm by vol
Particulate Matter (PM10)	000	0	1.35	—	5.9	3	A	N/A gr/std ft^3
Sulfur Dioxide	000	0	3.76	—	16.5	2	A	N/A ppm by vol
Nitrogen Oxides	000	0	12.32	—	53.9	3	A	N/A ppm by vol
Carbon Monoxide	000	0	14.88	—	65.1	3	A	N/A ppm by vol

Includes emissions from EPNs 14H-101, 14H-201, 14H-313, 95H-101, and 95H-102.